Massachusetts Electric Company and Nantucket Electric Company d/b/a National Grid

Revised Exhibits
Filed in Support of
Proposed Compliance Tariffs

March 1, 2006

Submitted to: Massachusetts Department of Telecommunications and Energy Docket No. D.T.E. 06-5

Submitted by:



### Compliance Exhibits

Exhibit SMM-1	Calculation of Adjustment to Distribution Rates Adjusted to Exclude
	Consolidated Edison Company
Exhibit SMM-2	July 1, 2004 Regional Index Normalized to Exclude Consolidated Edison
	Company
Exhibit SMM-3	July 1, 2005 Regional Index Adjusted to Exclude Consolidated Edison
	Company
Exhibit TMB-1	Revised Summary of Proposed Rates
Exhibit TMB-18	Revised Summary of Proposed Rates
Exhibit TMB-20	Revised Calculation of Reduction to Rate R-1 Transition Charge
	Adjustment Factor
Exhibit TMB-21	Revised Mass. Electric Typical Bills
Exhibit TMB-22	Revised Nantucket Electric Typical Bills
	<b>₹1</b>

### **Exhibit SMM-1 Compliance**

Calculation of Adjustment to Distribution Rates Adjusted to Exclude Consolidated Edison Company

MASSACHUSETTS ELECTRIC COMPANY
NANTUCKET ELECTRIC COMPANY
d/b/a NATIONAL GRID
Docket No. D.T.E. 06-5
Exhibit SMM-1 Compliance
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#### Massachusetts Electric Company Nantucket Electric Company Calculation of Adjustment to Distribution Rates

		Methodology	
(1)	Massachusetts Electric's Percentage of the Regional Index Determined as of July 2004, Normalized for the removal of Consolidated Edison Company	95.5%	
(2)	Regional Index as of July of the Year Prior to Filing, Applied to Massachusetts Electric's Average Customer Deliveries Fixed As of July 2004	\$0.02756	per kWh
(3)	Massachusetts Electric's Index Distribution Rate as of July for the Subsequent Calendar Year (July 2005)	\$0.02631	per kWh
(4)	Massachusetts Electric's Average Distribution Rate as of July of the Year Prior to the Filing, Applied to Massachusetts Electric's Average Customer Deliveries Fixed as of July 2004.	\$0.02542	per kWh
(5)	\$/kWh Adjustment to Massachusetts Electric's Distribution Rate from Application of the Regional Index - Increase (Decrease)	\$0.00089	per kWh
(6)	Percentage of Adjustment to Massachusetts Electric's Distribution Rates from Application of Regional Index - Increase (Decrease)	3.50%	

- (1) Exhibit SMM-2 Compliance, Page 1  $\$0.02542 \text{ per kWh} \div \$0.02662 \text{ per kWh} = 95.5\%$
- (2) Exhibit SMM-3 Compliance, Page 1
- (3) Line (1) x Line (2), truncated after five decimal places
- (4) Exhibit SMM -2, Page 1
- (5) Line (3) Line (4)
- (6) Line (5) ÷ Line (4)

### **Exhibit SMM-2 Compliance**

July 1, 2004 Regional Index Normalized to Exclude Consolidated Edison Company

#### Massachusetts Electric Company Nantucket Electric Company July 1, 2004 Regional Index without Consolidated Edison

			Ī	DISTRIBUTION July 2004					
		Total 2003	% of Total						Weighted
Utility	State	MWh	MWh	Residential	Small C&I	Medium C&I	Large C&I	INDEX	Average
				R	G1	G2	G3		
Connecticut Light & Power Company	CT	24,116,876	8.7%	3.455	5.140	3.092	1.361	2.763	0.239
United Illuminating Company	CT	5,763,052	2.1%	4.933	5.151	3.299	1.775	3.512	0.073
Boston Edison Company (NSTAR)	MA	14,961,539	5.4%	4.948	5.579	4.096	2.897	4.102	0.220
Cambridge Electric Company (NSTAR)	MA	1,639,564	0.6%	3.581	2.547	2.049	1.113	2.319	0.014
Commonwealth Electric Company (NSTAR)	MA	4,173,545	1.5%	5.156	4.184	2.474	1.278	3.196	0.048
Fitchburg Gas & Electric Company (Unitil)	MA	515,669	0.2%	4.624	4.572	3.279	1.636	3.284	0.006
Western Massachusetts Electric Company (Northeast Utilities)	MA	4,023,433	1.4%	4.054	4.762	2.554	1.582	2.961	0.043
Bangor Hydro-Electric Company	ME	1,542,455	0.6%	5.554	4.778	2.720	2.399	3.867	0.021
Maine Public Service Company	ME	540,214	0.2%	4.747	4.153	2.262	1.639	3.146	0.006
Granite State Electric Company (National Grid)	NH	833,597	0.3%	4.317	3.826	1.741	1.221	2.717	0.008
New Hampshire Electric Cooperative Inc.	NH	690,095	0.2%	5.547	4.073	3.737	2.751	4.078	0.010
Unitil Energy Service, Inc.	NH	1,211,068	0.4%	3.021	3.561	2.091	1.366	2.306	0.010
Narragansett Electric Company (National Grid)	RI	7,964,092	2.9%	4.188	4.470	2.427	1.648	2.991	0.086
Atlantic City Electric Company (Conectiv Power Delivery)	NJ	9,642,644	3.5%	3.328	3.848	1.582	1.448	2.408	0.083
Jersey Central Power & Light Company (FirstEnergy)	NJ	20,859,480	7.5%	2.687	4.307	2.398	2.044	2.554	0.191
Public Service Electric & Gas Company	NJ	42,067,965	15.1%	3.564	3.516	2.428	1.516	2.613	0.395
Rockland Electric Company (Orange & Rockland)	NJ	1,563,289	0.6%	3.319	3.630	3.048	2.670	3.062	0.017
Duquesne Light Company	PA	13,363,091	4.8%	4.021	3.456	1.864	0.976	2.494	0.120
Metropolitan Edison Company (FirstEnergy)	PA	13,009,872	4.7%	4.075	4.498	2.424	1.377	2.847	0.133
PECO Energy	PA	36,841,017	13.2%	5.234	2.601	1.795	1.513	3.067	0.406
Pennsylvania Electric Company (FirstEnergy)	PA	13,400,384	4.8%	4.045	4.006	2.420	1.454	2.818	0.136
Pennsylvania Power Company (FirstEnergy)	PA	4,258,641	1.5%	3.700	2.066	0.860	0.681	1.983	0.030
Pennsylvania Power & Light Company	PA	35,417,470	12.7%	2.636	2.460	2.228	0.821	1.867	0.238
UGI Utilities, Inc.	PA	978,551	0.4%	3.917	4.609	3.471	1.789	3.105	0.011
West Penn Power Company (Allegheny Power)	PA	19,001,901	6.8%	2.618	1.880	1.655	0.849	1.733	0.118
Total MWh Included in Weighted Average		278,379,504	100.0%						
Mass. Electric Customer Mix	!	,5/7,501	2 30.070	37.90%	9.52%	14.34%	38.24%	100.00%	

Weighted Average By kWh 2.662

#### General Notes

- 1) PF =100% for rate calculations
- 2) Time of use splits are based on period definitions. (ie. if peak period=9am-9pm on weekdays, then peak split = 12/24 x 5/7)
- 3) In all cases, the tariff selected is based on Massachusetts Electric Company average customers.
- 4) In all cases, conservation charges not included.
  5) Residential and Small C&I assumed to be single phase/non-demand metered. Medium & Large C&I assumed to be three phase service, demand metered.
  6) Where Small C&I tariffs contained demand component, the Massachusetts Electric Company G1 average demand of 5.9 kW was used.
- 7) Hours use rates were calculated at average billing demand.

### **Exhibit SMM-3 Compliance**

July 1, 2005 Regional Index Adjusted to Exclude Consolidated Edison Company

#### Massachusetts Electric Company Nantucket Electric Company July 1, 2005 Regional Index without Consolidated Edison

			Ţ.	DISTRIBUTION July 2005					
		Total 2003	% of Total						Weighted
Utility	State	MWh	MWh	Residential	Small C&I	Medium C&I	Large C&I	INDEX	Average
				R	G1	G2	G3		
Connecticut Light & Power Company	CT	24,116,876	8.7%	3.545	5.271	3.407	1.498	2.907	0.252
United Illuminating Company	CT	5,763,052	2.1%	4.933	5.151	3.299	1.775	3.512	0.073
Boston Edison Company (NSTAR)	MA	14,961,539	5.4%	4.917	5.549	4.066	2.867	4.071	0.219
Cambridge Electric Company (NSTAR)	MA	1,639,564	0.6%	3.580	2.545	2.047	1.111	2.318	0.014
Commonwealth Electric Company (NSTAR)	MA	4,173,545	1.5%	5.201	4.228	2.519	1.323	3.241	0.049
Fitchburg Gas & Electric Company (Unitil)	MA	515,669	0.2%	4.700	4.650	3.356	1.713	3.360	0.006
Western Massachusetts Electric Company (Northeast Utilities)	MA	4,023,433	1.4%	4.200	4.908	2.700	1.709	3.100	0.045
Bangor Hydro-Electric Company	ME	1,542,455	0.6%	5.420	4.688	2.658	2.341	3.777	0.021
Maine Public Service Company	ME	540,214	0.2%	4.747	4.153	2.262	1.639	3.146	0.006
Granite State Electric Company (National Grid)	NH	833,597	0.3%	4.317	3.826	1.741	1.221	2.717	0.008
New Hampshire Electric Cooperative Inc.	NH	690,095	0.2%	5.547	4.073	3.737	2.751	4.078	0.010
Unitil Energy Service, Inc.	NH	1,211,068	0.4%	3.021	3.561	2.091	1.366	2.306	0.010
Narragansett Electric Company (National Grid)	RI	7,964,092	2.9%	3.948	4.285	2.285	1.564	2.830	0.081
Atlantic City Electric Company (Conectiv Power Delivery)	NJ	9,642,644	3.5%	3.301	3.815	1.581	1.443	2.393	0.083
Jersey Central Power & Light Company (FirstEnergy)	NJ	20,859,480	7.5%	2.960	4.790	2.657	2.265	2.825	0.212
Public Service Electric & Gas Company	NJ	42,067,965	15.1%	3.564	3.516	2.428	1.516	2.613	0.395
Rockland Electric Company (Orange & Rockland)	NJ	1,563,289	0.6%	3.529	3.822	3.231	2.831	3.247	0.018
Duquesne Light Company	PA	13,363,091	4.8%	4.021	3.455	1.865	0.976	2.494	0.120
Metropolitan Edison Company (FirstEnergy)	PA	13,009,872	4.7%	4.072	4.495	2.423	1.376	2.845	0.133
PECO Energy	PA	36,841,017	13.2%	5.227	2.592	1.789	1.508	3.061	0.405
Pennsylvania Electric Company (FirstEnergy)	PA	13,400,384	4.8%	4.042	4.004	2.418	1.453	2.816	0.136
Pennsylvania Power Company (FirstEnergy)	PA	4,258,641	1.5%	3.706	2.069	0.861	0.682	1.986	0.030
Pennsylvania Power & Light Company	PA	35,417,470	12.7%	3.232	3.221	2.761	1.155	2.369	0.301
UGI Utilities, Inc.	PA	978,551	0.4%	3.920	4.614	3.474	1.790	3.108	0.011
West Penn Power Company (Allegheny Power)	PA	19,001,901	6.8%	2.620	1.880	1.656	0.849	1.734	0.118
Total MWh Included in Weighted Average		278,379,504	100.0%						
Mass. Electric Customer Mix			·	37.90%	9.52%	14.34%	38.24%	100.00%	

2.756 Weighted Average By kWh

**General Notes**1) PF =100% for rate calculations

- 2) Time of use splits are based on period definitions. (ie. if peak period=9am-9pm on weekdays, then peak split = 12/24 x 5/7)
- 3) In all cases, the tariff selected is based on Massachusetts Electric Company average customers.
- 4) In all cases, one taim selected is based on Massachusetts Electric Company average customers.

  4) In all cases, conservation charges not included.

  5) Residential and Small C&I assumed to be single phase/non-demand metered. Medium & Large C&I assumed to be three phase service, demand metered.

  6) Where Small C&I tariffs contained demand component, the Massachusetts Electric Company G1 average demand of 5.9 kW was used.

  7) Hours use rates were calculated at average billing demand.

## **Exhibit TMB-1 Compliance**

**Revised Summary of Proposed Rates** 

#### Massachusetts Electric Company Nantucket Electric Company Summary of Proposed Reconciling Factors

		Default					
	_	Service			Transmission	Net	
	Rate	Adjustment		Transmission	Adjustment	Transmission	
	<u>Class</u>	Factor (1)		<u>Charge</u>	<u>Factor</u>	<u>Charge</u>	
		(a)		(b)	(c)	(d)	
		Ex. TMB-5		Ex. TMB-15	Ex. TMB-14	(b) + (c)	
(1)	R-1/E	(\$0.00045)		\$0.00911	\$0.00088	\$0.00999	
(2)	R-2	(\$0.00045)		\$0.00911	\$0.00088	\$0.00999	
(3)	R-4	(\$0.00045)		\$0.00570	\$0.00088	\$0.00658	
(4)	G-1	(\$0.00045)		\$0.00761	\$0.00088	\$0.00849	
(5)	G-2	(\$0.00045)		\$0.00746	\$0.00088	\$0.00834	
(6)	G-3	(\$0.00045)		\$0.00674	\$0.00088	\$0.00762	
(7)	Streetlights	(\$0.00045)		\$0.00682	\$0.00088	\$0.00770	
			m :::	A 15	NT .		D :1 :1
	_		Transition	Adjustment	Net		Residential
	Rate	Transition	Adjustment	Factor	Transition		Assistance
	<u>Class</u>	<u>Charge</u>	<u>Factor</u>	Credit	<u>Charge</u>		Adjmt Factor (1)
		(e)	(f)	(g)	(h)		(i)
		Ex. TMB-6	Ex. TMB-10	Ex. TMB-20 Comp	(e) + (f) + (g)		Ex. TMB-19
(8)	R-1/E	\$0.00494	\$0.00078	(\$0.00036)	\$0.00536		\$0.00010
(9)	R-2	\$0.00494	\$0.00075	n/a	\$0.00569		\$0.00010
(10)	R-4 on peak	\$0.01414	\$0.00110	n/a	\$0.01524		\$0.00010
	R-4 off peak	\$0.00000	\$0.00110	n/a	\$0.00110		\$0.00010
(11)	G-1	\$0.00494	\$0.00063	n/a	\$0.00557		\$0.00010
(12)	G-2						
	Demand	\$0.53		n/a	\$0.53		
	Energy	\$0.00321	\$0.00114	n/a	\$0.00435		\$0.00010
(13)	G-3						
(13)	Demand	\$0.90			\$0.90		
	Energy	\$0.00271	\$0.00053	n/a	\$0.00324		\$0.00010
	<del></del>						
(14)	Streetlights	\$0.00494	\$0.00107	n/a	\$0.00601		\$0.00010

<sup>(1)</sup> To be included in distribution rates for billing purposes

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#### Massachusetts Electric Company Nantucket Electric Company Summary of Proposed Distribution Rates

	Rate Class and Component	Rate Exhibit TMB-18 Compliance
(1)	R-1/E Customer Charge	\$6.01
	Distribution Energy Charge	\$0.02589
	Interruptible Credit IC-1	(\$5.69)
	Interruptible Credit IC-2	(\$7.76)
(2)	R-2	
(2)	Customer Charge	\$3.90
	Distribution Energy Charge	\$0.00479
	Interruptible Credit IC-1	(\$5.69)
	Interruptible Credit IC-2	(\$7.76)
	G IS A LEWA D A	
	Grandfathered EUA R-2	<b>\$0.00</b>
	Customer Charge	\$0.90 \$0.00599
	Distribution Energy Charge	
	Interruptible Credit IC-1 Interruptible Credit IC-2	(\$5.69) (\$7.76)
	interruptible Credit IC-2	(\$1.70)
(3)	R-4	
	Customer Charge	\$19.87
	On peak Distribution Energy Charge	\$0.06322
	Off peak Distribution Energy Charge	\$0.00424
(4)	G-1	
( - )	Customer Charge	\$8.61
	Unmetered Charge	\$6.70
	Distribution Energy Charge	\$0.03977
	Minimum Charge	\$1.81
(5)	G-2	
(3)	Customer Charge	\$15.76
	Distribution Demand Charge	\$6.12
	Distribution Energy Charge	\$0.00142
	Credit for High Voltage Delivery > 2.4 kv	(\$0.46)
(6)	G-3	\$69.62
	Customer Charge	\$09.02 \$3.75
	Distribution Demand Charge On peak Distribution Energy Charge	\$0.01224
	Off peak Distribution Energy Charge	\$0.00000
	Credit for High Voltage Delivery > 2.4 kv	(\$0.46)
	Credit for High Voltage Delivery > 2.4 kV	(\$2.21)
		N C Z
(7)	S-5	
	Distribution Energy Charge	\$0.01745
(8)	S-1, S-2, S-3, S-20	refer to Exhibit TMB-18 Compliance, pages 2 through 5
	Second Feeder Service	\$2.21
	(if additional transformation is required)	\$2.67
	,	• • • • • • • • • • • • • • • • • • • •

## **Exhibit TMB-18 Compliance**

**Revised Summary of Proposed Rates** 

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	Rate Class and Component	Current Distribution Charges (a) Per Tariffs	Regional Index Increase (b) Ex. SMM-1 Comp	Proposed Distribution Charges (c) (a) x [1+ (b)]
(1)	R-1/E			
	Customer Charge	\$5.81	3.50%	\$6.01
	Distribution Energy Charge	\$0.02502	3.50%	\$0.02589
	Interruptible Credit IC-1	(\$5.50)	3.50%	(\$5.69)
	Interruptible Credit IC-2	(\$7.50)	3.50%	(\$7.76)
(2)	R-2			
	Customer Charge	\$3.77	3.50%	\$3.90
	Distribution Energy Charge	\$0.00463	3.50%	\$0.00479
	Interruptible Credit IC-1	(\$5.50)	3.50%	(\$5.69)
	Interruptible Credit IC-2	(\$7.50)	3.50%	(\$7.76)
	Grandfathered EUA R-2			
	Customer Charge	\$0.87	3.50%	\$0.90
	Distribution Energy Charge	\$0.00579	3.50%	\$0.00599
	Interruptible Credit IC-1	(\$5.50)		(\$5.69)
	Interruptible Credit IC-2	(\$7.50)	3.50%	(\$7.76)
(3)	R-4			
	Customer Charge	\$19.20	3.50%	\$19.87
	On peak Distribution Energy Charge	\$0.06109	3.50%	\$0.06322
	Off peak Distribution Energy Charge	\$0.00410	3.50%	\$0.00424
(4)	G-1			
	Customer Charge	\$8.32	3.50%	\$8.61
	Unmetered Charge	\$6.48	3.50%	\$6.70
	Distribution Energy Charge	\$0.03843	3.50%	\$0.03977
	Minimum Charge	\$1.75	3.50%	\$1.81
(5)	G-2			
	Customer Charge	\$15.23	3.50%	\$15.76
	Distribution Demand Charge	\$5.92	3.50%	\$6.12
	Distribution Energy Charge	\$0.00138	3.50%	\$0.00142
	Credit for High Voltage Delivery > 2.4 kv	(\$0.45)	3.50%	(\$0.46)
(6)	G-3			
	Customer Charge	\$67.27	3.50%	\$69.62
	Distribution Demand Charge	\$3.63	3.50%	\$3.75
	On peak Distribution Energy Charge	\$0.01183	3.50%	\$0.01224
	Off peak Distribution Energy Charge	\$0.00000	3.50%	\$0.00000
	Credit for High Voltage Delivery > 2.4 kv	(\$0.45)		(\$0.46)
	Credit for High Voltage Delivery > 115 kv	(\$2.14)	3.50%	(\$2.21)
(7)	S-5			
	Distribution Energy Charge	\$0.01686	3.50%	\$0.01745

<sup>(</sup>a) Per currently effective tariffs

<sup>(</sup>b) Per Exhibit SMM-1 Compliance

<sup>(</sup>c) Column (a) x [ 1 + Column (b) ], truncated after 2 or 5 decimal places, as appropriate

Lumen/Pole Code	Lumen <u>Size</u>	Current Annual Charge (a) Per Tariffs	Regional Index <u>Increase</u> (b) Ex. SMM-1 Comp	Proposed Annual Charge (c) (a) x [1+ (b)]
Incandescent: Ra	tte S-1			
10 11	1,000 2,500	\$48.46 \$59.83	3.50% 3.50%	\$50.15 \$61.92
Incandescent: Ra	te S-20			
10 11	1,000 2,500	\$44.79 \$20.84	3.50% 3.50%	\$46.35 \$21.56
Mercury Vapor:	<u>S-1</u>			
3	4,000	\$48.49	3.50%	\$50.18
4	8,000	\$53.89	3.50%	\$55.77
16	11,000	\$69.43	3.50%	\$71.86
5	22,000	\$89.34	3.50%	\$92.46
6	63,000	\$157.96	3.50%	\$163.48
1	4,000 Post Top	\$57.46	3.50%	\$59.47
2	8,000 Post Top	\$76.89	3.50%	\$79.58
23	22,000 Flood	\$107.27	3.50%	\$111.02
24	63,000 Flood	\$195.22	3.50%	\$202.05
Mercury Vapor:	<u>S-2</u>			
113	4,000	\$21.19	3.50%	\$21.93
114	8,000	\$25.85	3.50%	\$26.75
115	22,000	\$39.83	3.50%	\$41.22
116	63,000	\$78.73	3.50%	\$81.48
117	22,000 Flood	\$48.79	3.50%	\$50.49
118	63,000 Flood	\$87.69	3.50%	\$90.75
Mercury Vapor:	<u>S-20</u>			
3	4,000	\$39.31	3.50%	\$40.68
4	8,000	\$48.92	3.50%	\$50.63
16	11,000	\$47.18	3.50%	\$48.83
5	22,000	\$56.62	3.50%	\$58.60
6	63,000	(\$24.02)		(\$24.02)
1	4,000 Post Top	\$44.71	3.50%	\$46.27
2	8,000 Post Top	\$43.09	3.50%	\$44.59
23	22,000 Flood	\$105.86	3.50%	\$109.56
24	63,000 Flood	\$9.35	3.50%	\$9.67
Mercury Vapor:	<u>S-3A</u>			
1	4,000 Post Top	\$64.26	3.50%	\$66.50
2	8,000 Post Top	\$58.42	3.50%	\$60.46
3	4,000	\$45.79	3.50%	\$47.39
4	8,000	\$53.67	3.50%	\$55.54
5	22,000	\$91.07	3.50%	\$94.25
6	63,000	\$169.41	3.50%	\$175.33
Mercury Vapor:	<u>S-3B</u>			
20		611.00	2.50	612.20
30		\$11.88	3.50%	\$12.29
31		\$17.81	3.50%	\$18.43
33		\$37.50	3.50%	\$38.81

<sup>(</sup>a) Per currently effective tariffs

<sup>(</sup>b) Per Exhibit SMM-1 Compliance

<sup>(</sup>c) Column (a) x [ 1 + Column (b) ], truncated after 2 decimal places, only if Column (a) is greater than \$0. If less than or equal to \$0, then set at Column (a)

Lumen/Pole <u>Code</u>	Lumen <u>Size</u>	Current Annual Charge (a) Per Tariffs	Regional Index <u>Increase</u> (b) Ex. SMM-1 Comp	Proposed Annual Charge (c) (a) x [1+ (b)]
Sodium Vapor:	: S-1 & S-20			
70	4,000	\$55.82	3.50%	\$57.77
71	5,800	\$67.52	3.50%	\$69.88
72	9,600	\$71.23	3.50%	\$73.72
41	13,000 Retired	\$73.80	3.50%	\$76.38
73	16,000	\$75.78	3.50%	\$78.43
74 75	27,500 50,000	\$94.06	3.50%	\$97.35
75 76	140,000	\$130.65 \$175.16	3.50% 3.50%	\$135.22 \$181.29
77	27,500 Flood	\$143.82	3.50%	\$148.85
78	50,000 Flood	\$163.80	3.50%	\$169.53
80	140,000 Flood	\$220.41	3.50%	\$228.12
83	4,000 Post Top	\$61.22	3.50%	\$63.36
79	9,600 Post Top	\$65.50	3.50%	\$67.79
81	27,500 12 Hour	\$113.70	3.50%	\$117.67
82	27,500 24 Hour	\$102.35	3.50%	\$105.93
Sodium Vapor:	: <u>S-2</u>			
100	4,000	\$22.38	3.50%	\$23.16
101	5,800	\$24.22	3.50%	\$25.06
102	9,600	\$26.23	3.50%	\$27.14
104	16,000	\$29.15	3.50%	\$30.17
105	27,500	\$37.03	3.50%	\$38.32
106	50,000	\$46.89	3.50%	\$48.53
107	140,000	\$104.40	3.50%	\$108.05
108 109	27,500 Flood 50,000 Flood	\$50.14 \$60.17	3.50% 3.50%	\$51.89 \$62.27
109	27,500 Flood 27,500 12 Hour	\$36.34	3.50%	\$37.61
112	27,500 12 Hour	\$54.13	3.50%	\$56.02
Sodium Vapor:	: S-3A			
70	4,000	\$40.48	3.50%	\$41.89
70	9,600	\$43.26	3.50%	\$44.77
83	4,000 Post Top	\$51.39	3.50%	\$53.18
79	9,600 Post Top	\$53.52	3.50%	\$55.39
74	27,500	\$61.01	3.50%	\$63.14
75	50,000	\$89.18	3.50%	\$92.30
76	140,000	\$167.60	3.50%	\$173.46
Sodium Vapor	: S-3B			
53	4,000	\$14.67	3.50%	\$15.18
51	5,800	\$17.30	3.50%	\$17.90
52	9,600	\$19.71	3.50%	\$20.39
36	27,500	\$29.80	3.50%	\$30.84
37	50,000	\$45.33	3.50%	\$46.91
38	140,000	\$108.31	3.50%	\$112.10
Poles and Rela	ted Equipment			
PV	Wood	\$41.90	3.50%	\$43.36
	Wood Shared	\$20.95	3.50%	\$21.68
	Non-Metalic	\$49.36	3.50%	\$51.08
	Fiberglass < 25'	\$102.92	3.50%	\$106.52
	Fiberglass > 25' Non Metal	\$172.04 \$51.30	3.50% 3.50%	\$178.06 \$53.09
	von Metal Metal	\$113.08	3.50%	\$117.03
	Metal Embedded	\$50.00	3.50%	\$51.75
	Metal with Base	\$128.30	3.50%	\$132.79
H S	Shared Metal with Base	\$64.15	3.50%	\$66.39

<sup>(</sup>a) Per currently effective tariffs

<sup>(</sup>b) Per Exhibit SMM-1 Compliance

<sup>(</sup>c) Column (a) x [ 1 + Column (b) ], truncated after 2 decimal places, only if Column (a) is greater than \$0. If less than or equal to \$0, then set at Column (a)

Lumen/Pole <u>Code</u>	Lumen <u>Size</u>	Current Annual Charge (a) Per Tariffs	Regional Index Increase (b) Ex. SMM-1 Comp	Proposed Annual Charge (c) (a) x [1+ (b)]
Incandescent: R	ate S-1			
910	1,000	\$30.57	3.50%	\$31.63
911	2,500	\$37.74	3.50%	\$39.06
Incandescent: R	ate S-20			
910	1,000	\$28.26	3.50%	\$29.24
911	2,500	\$13.14	3.50%	\$13.59
Mercury Vapor	: <u>S-1</u>			
002	4.000	\$20.50	2.500/	\$21.66
903 904	4,000 8,000	\$30.59 \$34.00	3.50% 3.50%	\$31.66 \$35.19
916	11,000	\$43.80	3.50%	\$45.33
905	22,000	\$56.36	3.50%	\$58.33
906	63,000	\$99.66	3.50%	\$103.14
901	4,000 Post Top	\$36.25	3.50%	\$37.51
902	8,000 Post Top	\$48.51	3.50%	\$50.20
923	22,000 Flood	\$67.68	3.50%	\$70.04
924	63,000 Flood	\$123.17	3.50%	\$127.48
Mercury Vapor	: S-20			
002	4.000	<b>#24</b> 00	2.500/	<b>#25.66</b>
903	4,000	\$24.80	3.50%	\$25.66
904	8,000	\$30.86	3.50%	\$31.94
916	11,000	\$29.76	3.50%	\$30.80
905	22,000	\$35.72	3.50%	\$36.97
906	63,000	\$0.00	3.50%	\$0.00
901	4,000 Post Top	\$28.20	3.50%	\$29.18
902 923	8,000 Post Top	\$27.18	3.50%	\$28.13
923 924	22,000 Flood 63,000 Flood	\$66.79 \$5.89	3.50% 3.50%	\$69.12 \$6.09
924	03,000 11000	φ3.69	3.50%	\$0.09
Mercury Vapor	: S-3A			
901	4,000 Post Top	\$40.54	3.50%	\$41.95
902	8,000 Post Top	\$36.86	3.50%	\$38.15
903	4,000	\$28.89	3.50%	\$29.90
904	8,000	\$33.86	3.50%	\$35.04
905	22,000	\$57.46	3.50%	\$59.47
906	63,000	\$106.88	3.50%	\$110.62

- (a) Per currently effective tariffs
- (b) Per Exhibit SMM-1 Compliance
- (c) Column (a) x [ 1 + Column (b) ], truncated after 2 decimal places

Lumen/Pole Code Sodium Van	Lumen <u>Size</u> or: S-1 & S-20	Current Annual Charge (a) Per Tariffs	Regional Index Increase (b) Ex. SMM-1 Comp	Proposed Annual Charge (c) (a) x [1+ (b)]
Sourum vapo	51. 5-1 & 5-20			
970	4,000	\$35.21	3.50%	\$36.44
971	5,800	\$42.60	3.50%	\$44.09
972	9,600	\$44.94	3.50%	\$46.51
941	13,000 Retired	\$46.56	3.50%	\$48.18
973	16,000	\$47.81	3.50%	\$49.48
974	27,500	\$59.34	3.50%	\$61.41
975	50,000	\$82.43	3.50%	\$85.31
976	140,000	\$110.51	3.50%	\$114.37
977	27,500 Flood	\$90.74	3.50%	\$93.91
978	50,000 Flood	\$103.34	3.50%	\$106.95
980	140,000 Flood	\$139.06	3.50%	\$143.92
983	4,000 Post Top	\$38.62	3.50%	\$39.97
979	9,600 Post Top	\$41.32	3.50%	\$42.76
981	27,500 12 Hour	\$71.73	3.50%	\$74.24
982	27,500 24 Hour	\$64.57	3.50%	\$66.82
Sodium Vapo	or: S-3A			
970	4,000	\$25.54	3.50%	\$26.43
972	9,600	\$27.29	3.50%	\$28.24
983	4,000 Post Top	\$32.42	3.50%	\$33.55
979	9,600 Post Top	\$33.76	3.50%	\$34.94
974	27,500	\$38.49	3.50%	\$39.83
975	50,000	\$56.26	3.50%	\$58.22
976	140,000	\$105.74	3.50%	\$109.44
Poles and Re	lated Equipment			
P	Wood	\$26.43	3.50%	\$27.35
A	Wood Shared	\$13.21	3.50%	\$13.67
R	Non-Metalic	\$31.14	3.50%	\$32.22
С	Fiberglass < 25'	\$64.93	3.50%	\$67.20
D	Fiberglass > 25'	\$108.54	3.50%	\$112.33
Y	Non Metal	\$32.36	3.50%	\$33.49
Z	Metal	\$71.34	3.50%	\$73.83
F	Metal Embedded	\$31.54	3.50%	\$32.64
T	Metal with Base	\$80.95	3.50%	\$83.78
Н	Shared Metal with Base	\$40.47	3.50%	\$41.88

- (a) Per currently effective tariffs
- (b) Per Exhibit SMM-1 Compliance
- (c) Column (a) x [ 1 + Column (b) ], truncated after 2 decimal places

### **Exhibit TMB-20 Compliance**

Revised Calculation of Reduction to Rate R-1 Transition Charge Adjustment Factor

# Massachusetts Electric Company Nantucket Electric Company Calculation of Reduction to the Rate R-1 Transition Charge Adjustment Factor

Monthly Usage: 500 kWh

#### Section 1: Calculation of unadjusted typical bill

	Current	Rates	Proposed Rates		<u>Increase</u>
Customer Charge	\$5.81	\$5.81	\$6.01	\$6.01	
Distribution Energy Charge (incl DS adjustment factor)	\$0.02377	\$11.89	\$0.02484	\$12.42	
Transmission Charge	\$0.00819	\$4.10	\$0.00999	\$5.00	
Transition Charge	\$0.00862	\$4.31	\$0.00572	\$2.86	
DSM Charge	\$0.00250	\$1.25	\$0.00250	\$1.25	
Renewables Charge	\$0.00050	\$0.25	\$0.00050	\$0.25	
Subtotal Retail Delivery		\$27.61		\$27.79	
Default Service Charge	\$0.10718	<u>\$53.59</u>	\$0.10718	<u>\$53.59</u>	
Total Bill		\$81.20		\$81.38	\$0.18 0.22%

Based on current rates and proposed rates from Exhibit TMB-1 Compliance and transition charge based on Column (e) + Column (f) of Exhibit TMB-1 Compliance

#### Section 2: Calculation of per kWh reduction to achieve no increase in a 500 kWh residential bill

(a)	Increase from above	\$0.18
(b)	Monthly Usage	<u>500</u> kWh
(c)	Decrease per kWh to eliminate increase from Section 1	(\$0.00035)
(d)	Additional credit to ensure a zero increase in the bill calculation	(\$0.00001)
(e)	Final decrease per kWh to eliminate increase from Section 1	(\$0.00036)

- (a) Increase reflected in Section 1
- (b) Usage used in Section 1
- (c) Line (a) ÷ Line (b), truncated after 5 decimal places
- (d) Input value until bill calculation in Section 3 becomes zero; using Line (c) results in a \$0.01 bill increase due to truncating in Line (c)
- (e)  $\operatorname{Line}(c) + \operatorname{Line}(d)$

Section 3: Calculation of unadjusted typical bill	Current	Rates	Proposed	Rates	Increase
•					
Customer Charge	\$5.81	\$5.81	\$6.01	\$6.01	
Distribution Energy Charge (incl DS adjustment factor)	\$0.02377	\$11.89	\$0.02484	\$12.42	
Transmission Charge	\$0.00819	\$4.10	\$0.00999	\$5.00	
Transition Charge	\$0.00862	\$4.31	\$0.00536	\$2.68	
DSM Charge	\$0.00250	\$1.25	\$0.00250	\$1.25	
Renewables Charge	\$0.00050	\$0.25	\$0.00050	\$0.25	
Subtotal Retail Delivery		\$27.61		\$27.61	
Default Service Charge	\$0.10718	<u>\$53.59</u>	\$0.10718	<u>\$53.59</u>	
Total Bill		\$81.20		\$81.20	\$0.00

Based on current rates and proposed rates from Exhibit TMB-1 Compliance and transition charge based on Column (e)

<sup>+</sup> Column (f) of Exhibit TMB-1 Compliance net of credit calculated in Section 2, Line (c)

## **Exhibit TMB-21 Compliance**

**Revised Mass. Electric Typical Bills** 

File:

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 1 of 22

#### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

#### Impact on R-1 Default Service Customers

	/	(1) -	/	/	(2) -	/	(1) vs (	2)
Monthly		Present Rates Default	Retail	1	Proposed Rates Default	Retail	Overa Increase (De	
KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
125	\$24.65	\$13.40	\$11.25	\$24.81	\$13.40	\$11.41	\$0.16	0.6%
250	\$43.52	\$26.80	\$16.72	\$43.62	\$26.80	\$16.82	\$0.10	0.2%
500	\$81.20	\$53.59	\$27.61	\$81.20	\$53.59	\$27.61	\$0.00	0.0%
750	\$118.90	\$80.39	\$38.51	\$118.80	\$80.39	\$38.41	(\$0.10)	-0.1%
1,000	\$156.57	\$107.18	\$49.39	\$156.38	\$107.18	\$49.20	(\$0.19)	-0.1%
1,250	\$194.28	\$133.98	\$60.30	\$193.99	\$133.98	\$60.01	(\$0.29)	-0.1%
1,500	\$231.96	\$160.77	\$71.19	\$231.57	\$160.77	\$70.80	(\$0.39)	-0.2%
2,000	\$307.33	\$214.36	\$92.97	\$306.75	\$214.36	\$92.39	(\$0.58)	-0.2%

	<u>]</u>	Present Rates	Proposed Rates		
Customer Charge		\$5.81	\$6.01		
Distribution Charge	KWh x	\$0.02377	\$0.02484		
Transition Charge	KWh x	\$0.00862	\$0.00536		
Transmission Charge	KWh x	\$0.00819	\$0.00999		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.10718	\$0.10718		

File:

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 2 of 22

#### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #1)

	/	(1)	/	/	(2) -	/	(1) vs (2	2)
Monthly		Present Rates Default	Retail	:	Proposed Rates Default	Retail	Overal Increase (Dec	
KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
250	\$38.02	\$26.80	\$11.22	\$37.93	\$26.80	\$11.13	(\$0.09)	-0.2%
500	\$75.70	\$53.59	\$22.11	\$75.51	\$53.59	\$21.92	(\$0.19)	-0.3%
750	\$113.40	\$80.39	\$33.01	\$113.11	\$80.39	\$32.72	(\$0.29)	-0.3%
1,000	\$151.07	\$107.18	\$43.89	\$150.69	\$107.18	\$43.51	(\$0.38)	-0.3%
1,250	\$188.78	\$133.98	\$54.80	\$188.30	\$133.98	\$54.32	(\$0.48)	-0.3%
1,500	\$226.46	\$160.77	\$65.69	\$225.88	\$160.77	\$65.11	(\$0.58)	-0.3%
2,000	\$301.83	\$214.36	\$87.47	\$301.06	\$214.36	\$86.70	(\$0.77)	-0.3%
2,500	\$377.22	\$267.95	\$109.27	\$376.25	\$267.95	\$108.30	(\$0.97)	-0.3%

	<u>I</u>	Present Rates	Proposed Rates
Customer Charge		\$5.81	\$6.01
Distribution Charge	KWh x	\$0.02377	\$0.02484
Transition Charge	KWh x	\$0.00862	\$0.00536
Transmission Charge	KWh x	\$0.00819	\$0.00999
Interruptible Credit #1		(\$5.50)	(\$5.69)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

File:

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 3 of 22

#### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

#### Impact on R-1 Default Service Customers (with Interruptible Credit #2)

	/	(1) -	/	/	(2) -	/	(1) vs (	2)
Monthly		Present Rates Default	Retail	Ī	Proposed Rates Default	Retail	Overal Increase (De	
KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
250	\$36.02	\$26.80	\$9.22	\$35.86	\$26.80	\$9.06	(\$0.16)	-0.4%
500	\$73.70	\$53.59	\$20.11	\$73.44	\$53.59	\$19.85	(\$0.26)	-0.4%
750	\$111.40	\$80.39	\$31.01	\$111.04	\$80.39	\$30.65	(\$0.36)	-0.3%
1,000	\$149.07	\$107.18	\$41.89	\$148.62	\$107.18	\$41.44	(\$0.45)	-0.3%
1,250	\$186.78	\$133.98	\$52.80	\$186.23	\$133.98	\$52.25	(\$0.55)	-0.3%
1,500	\$224.46	\$160.77	\$63.69	\$223.81	\$160.77	\$63.04	(\$0.65)	-0.3%
2,000	\$299.83	\$214.36	\$85.47	\$298.99	\$214.36	\$84.63	(\$0.84)	-0.3%
2,500	\$375.22	\$267.95	\$107.27	\$374.18	\$267.95	\$106.23	(\$1.04)	-0.3%

	<u>]</u>	Present Rates	Proposed Rates	
Customer Charge		\$5.81	\$6.01	
Distribution Charge	KWh x	\$0.02377	\$0.02484	
Transition Charge	KWh x	\$0.00862	\$0.00536	
Transmission Charge	KWh x	\$0.00819	\$0.00999	
Interruptible Credit #2		(\$7.50)	(\$7.76)	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Supplier Services				
Energy Charge	KWh x	\$0.10718	\$0.10718	

File:

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 4 of 22

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers

	/	(1)	/	/	(2)	/	(1) vs	(2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (Do Amount	
50	\$10.30	\$5.36	\$4.94	\$10.39	\$5.36	\$5.03	\$0.09	0.9%
100	\$16.80	\$10.72	\$6.08	\$16.86	\$10.72	\$6.14	\$0.06	0.4%
150	\$23.33	\$16.08	\$7.25	\$23.35	\$16.08	\$7.27	\$0.02	0.1%
250	\$36.36	\$26.80	\$9.56	\$36.32	\$26.80	\$9.52	(\$0.04)	-0.1%
300	\$42.85	\$32.15	\$10.70	\$42.78	\$32.15	\$10.63	(\$0.07)	-0.2%
500	\$68.92	\$53.59	\$15.33	\$68.71	\$53.59	\$15.12	(\$0.21)	-0.3%
600	\$81.94	\$64.31	\$17.63	\$81.65	\$64.31	\$17.34	(\$0.29)	-0.4%
750	\$101.50	\$80.39	\$21.11	\$101.12	\$80.39	\$20.73	(\$0.38)	-0.4%

	<u>]</u>	Present Rates	Proposed Rates		
Customer Charge		\$3.77	\$3.90		
Distribution Charge	KWh x	\$0.00338	\$0.00374		
Transition Charge	KWh x	\$0.00853	\$0.00569		
Transmission Charge	KWh x	\$0.00819	\$0.00999		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.10718	\$0.10718		

File:

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 5 of 22

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

#### Impact on R-2 Default Service Customers With Interruptible Credit #1

	/	(1) -	/	/	(2) -	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De Amount	
300	\$37.35	\$32.15	\$5.20	\$37.09	\$32.15	\$4.94	(\$0.26)	-0.7%
500	\$63.42	\$53.59	\$9.83	\$63.02	\$53.59	\$9.43	(\$0.40)	-0.6%
600	\$76.44	\$64.31	\$12.13	\$75.96	\$64.31	\$11.65	(\$0.48)	-0.6%
750	\$96.00	\$80.39	\$15.61	\$95.43	\$80.39	\$15.04	(\$0.57)	-0.6%
900	\$115.52	\$96.46	\$19.06	\$114.85	\$96.46	\$18.39	(\$0.67)	-0.6%
1,000	\$128.55	\$107.18	\$21.37	\$127.81	\$107.18	\$20.63	(\$0.74)	-0.6%
1,500	\$193.70	\$160.77	\$32.93	\$192.62	\$160.77	\$31.85	(\$1.08)	-0.6%
1,750	\$226.28	\$187.57	\$38.71	\$225.03	\$187.57	\$37.46	(\$1.25)	-0.6%

	]	Present Rates	Proposed Rates	
Customer Charge		\$3.77	\$3.90	
Distribution Charge	KWh x	\$0.00338	\$0.00374	
Transition Charge	KWh x	\$0.00853	\$0.00569	
Transmission Charge	KWh x	\$0.00819	\$0.00999	
Interruptible Credit #1		(\$5.50)	(\$5.69)	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Supplier Services				
Energy Charge	KWh x	\$0.10718	\$0.10718	

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#### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

#### Impact on R-2 Default Service Customers With Interruptible Credit #2

	/	(1) -	/	/	(2)	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De Amount	
300	\$35.35	\$32.15	\$3.20	\$35.02	\$32.15	\$2.87	(\$0.33)	-0.9%
500	\$61.42	\$53.59	\$7.83	\$60.95	\$53.59	\$7.36	(\$0.47)	-0.8%
600	\$74.44	\$64.31	\$10.13	\$73.89	\$64.31	\$9.58	(\$0.55)	-0.7%
750	\$94.00	\$80.39	\$13.61	\$93.36	\$80.39	\$12.97	(\$0.64)	-0.7%
900	\$113.52	\$96.46	\$17.06	\$112.78	\$96.46	\$16.32	(\$0.74)	-0.7%
1,000	\$126.55	\$107.18	\$19.37	\$125.74	\$107.18	\$18.56	(\$0.81)	-0.6%
1,500	\$191.70	\$160.77	\$30.93	\$190.55	\$160.77	\$29.78	(\$1.15)	-0.6%
1,750	\$224.28	\$187.57	\$36.71	\$222.96	\$187.57	\$35.39	(\$1.32)	-0.6%

	<u>]</u>	Present Rates	Proposed Rates		
Customer Charge		\$3.77	\$3.90		
Distribution Charge	KWh x	\$0.00338	\$0.00374		
Transition Charge	KWh x	\$0.00853	\$0.00569		
Transmission Charge	KWh x	\$0.00819	\$0.00999		
Interruptible Credit #2		(\$7.50)	(\$7.76)		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.10718	\$0.10718		

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#### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

#### Impact on R-4 Default Service Customers

<u>KWh Split:</u> - On-Peak 25% - Off-Peak 75%

	/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overal Increase (De Amount	
1,000	\$158.71	\$107.18	\$51.53	\$159.20	\$107.18	\$52.02	\$0.49	0.3%
1,500	\$228.47	\$160.77	\$67.70	\$228.87	\$160.77	\$68.10	\$0.40	0.2%
2,000	\$298.22	\$214.36	\$83.86	\$298.54	\$214.36	\$84.18	\$0.32	0.1%
3,000	\$437.71	\$321.54	\$116.17	\$437.87	\$321.54	\$116.33	\$0.16	0.0%
4,000	\$577.22	\$428.72	\$148.50	\$577.19	\$428.72	\$148.47	(\$0.03)	0.0%
5,000	\$716.73	\$535.90	\$180.83	\$716.52	\$535.90	\$180.62	(\$0.21)	0.0%
8,000	\$1,135.24	\$857.44	\$277.80	\$1,134.51	\$857.44	\$277.07	(\$0.73)	-0.1%
10,000	\$1,414.26	\$1,071.80	\$342.46	\$1,413.18	\$1,071.80	\$341.38	(\$1.08)	-0.1%

	]	Present Rates	Proposed Rates		
Customer Charge		\$19.20	\$19.87		
Distribution Charge: On Peak	KWh x	\$0.05984	\$0.06217		
Distribution Charge: Off Peak	KWh x	\$0.00285	\$0.00319		
Transition Charge: On Peak	KWh x	\$0.02236	\$0.01524		
Transition Charge: Off Peak	KWh x	\$0.00109	\$0.00110		
Transmission Charge	KWh x	\$0.00582	\$0.00658		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.10718	\$0.10718		

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#### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

<u>KWh Split:</u> - On-Peak 30% - Off-Peak 70%

	/	(1) -	/ ,	/	(2) -	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De Amount	
1,000	\$162.62	\$107.18	\$55.44	\$162.86	\$107.18	\$55.68	\$0.24	0.1%
1,500	\$234.33	\$160.77	\$73.56	\$234.35	\$160.77	\$73.58	\$0.02	0.0%
2,000	\$306.04	\$214.36	\$91.68	\$305.84	\$214.36	\$91.48	(\$0.20)	-0.1%
3,000	\$449.45	\$321.54	\$127.91	\$448.83	\$321.54	\$127.29	(\$0.62)	-0.1%
4,000	\$592.87	\$428.72	\$164.15	\$591.81	\$428.72	\$163.09	(\$1.06)	-0.2%
5,000	\$736.29	\$535.90	\$200.39	\$734.80	\$535.90	\$198.90	(\$1.49)	-0.2%
8,000	\$1,166.54	\$857.44	\$309.10	\$1,163.76	\$857.44	\$306.32	(\$2.78)	-0.2%
10,000	\$1,453.38	\$1,071.80	\$381.58	\$1,449.73	\$1,071.80	\$377.93	(\$3.65)	-0.3%

	]	Present Rates	Proposed Rates		
Customer Charge		\$19.20	\$19.87		
Distribution Charge: On Peak	KWh x	\$0.05984	\$0.06217		
2					
Distribution Charge: Off Peak	KWh x	\$0.00285	\$0.00319		
Transition Charge: On Peak	KWh x	\$0.02236	\$0.01524		
Transition Charge: Off Peak	KWh x	\$0.00109	\$0.00110		
Transmission Charge	KWh x	\$0.00582	\$0.00658		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.10718	\$0.10718		

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# Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-4 Default Service Customers

KWh Split: - On-Peak

- On-Peak 40% - Off-Peak 60%

	- Off-Peak	60%							
_		/	(1) -	/ /	/	(2) -	/	(1) vs (1	2)
	Monthly		Present Rates Default	Retail	1	Proposed Rates Default	Retail	Overal Increase (De	
	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
	1,000	\$170.44	\$107.18	\$63.26	\$170.17	\$107.18	\$62.99	(\$0.27)	-0.2%
	1,500	\$246.07	\$160.77	\$85.30	\$245.32	\$160.77	\$84.55	(\$0.75)	-0.3%
	2,000	\$321.69	\$214.36	\$107.33	\$320.47	\$214.36	\$106.11	(\$1.22)	-0.4%
	3,000	\$472.93	\$321.54	\$151.39	\$470.76	\$321.54	\$149.22	(\$2.17)	-0.5%
	4,000	\$624.18	\$428.72	\$195.46	\$621.06	\$428.72	\$192.34	(\$3.12)	-0.5%
	5,000	\$775.42	\$535.90	\$239.52	\$771.36	\$535.90	\$235.46	(\$4.06)	-0.5%
	8,000	\$1,229.15	\$857.44	\$371.71	\$1,222.25	\$857.44	\$364.81	(\$6.90)	-0.6%
	10,000	\$1,531.64	\$1,071.80	\$459.84	\$1,522.85	\$1,071.80	\$451.05	(\$8.79)	-0.6%

	· -	Present Rates	Proposed Rates
Customer Charge		\$19.20	\$19.87
Distribution Charge: On Peak	KWh x	\$0.05984	\$0.06217
Distribution Charge: Off Peak	KWh x	\$0.00285	\$0.00319
Transition Charge: On Peak	KWh x	\$0.02236	\$0.01524
Transition Charge: Off Peak	KWh x	\$0.00109	\$0.00110
Transmission Charge	KWh x	\$0.00582	\$0.00658
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

File:

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# Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-1 Default Service Customers

	/	(1) -	/	/	(2) -	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De Amount	
50	\$16.39	\$5.25	\$11.14	\$16.68	\$5.25	\$11.43	\$0.29	1.8%
100	\$24.46	\$10.50	\$13.96	\$24.74	\$10.50	\$14.24	\$0.28	1.1%
250	\$48.68	\$26.25	\$22.43	\$48.92	\$26.25	\$22.67	\$0.24	0.5%
500	\$89.02	\$52.50	\$36.52	\$89.23	\$52.50	\$36.73	\$0.21	0.2%
1,000	\$169.70	\$105.00	\$64.70	\$169.83	\$105.00	\$64.83	\$0.13	0.1%
2,500	\$411.78	\$262.50	\$149.28	\$411.67	\$262.50	\$149.17	(\$0.11)	0.0%
5,000	\$815.22	\$525.00	\$290.22	\$814.71	\$525.00	\$289.71	(\$0.51)	-0.1%
7,500	\$1,218.68	\$787.50	\$431.18	\$1,217.77	\$787.50	\$430.27	(\$0.91)	-0.1%

	]	Present Rates	Proposed Rates		
Customer Charge		\$8.32	\$8.61		
Distribution Charge	KWh x	\$0.03762	\$0.03916		
Transition Charge	KWh x	\$0.00829	\$0.00557		
Transmission Charge	KWh x	\$0.00747	\$0.00849		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.10500	\$0.10500		

KWh x

Supplier Services Energy Charge

\$0.15257 NEMA

\$0.15257 NEMA

Date: Time: 1-Mar-06

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

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### Impact on G-2 Default Service Customers

				Impact on G	-2 Default Servic	e Customers			
Hours Use:	200								
rious esc.	200	/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly Power			Present Rates Default	Retail		Proposed Rates Default	Retail	Overal Increase (De	
KW	KWh	Total SEMA	Service SEMA	Delivery	Total SEMA	Service SEMA	Delivery	Amount	%
15	3,000	\$607.79	\$440.13	\$167.66	\$605.29	\$440.13	\$165.16	(\$2.50)	-0.4%
20	4,000	\$805.31	\$586.84	\$218.47	\$801.80	\$586.84	\$214.96	(\$3.51)	-0.4%
40	8,000	\$1,595.39	\$1,173.68	\$421.71	\$1,587.84	\$1,173.68	\$414.16	(\$7.55)	-0.5%
75 150	15,000 30,000	\$2,978.03 \$5,940.83	\$2,200.65 \$4,401.30	\$777.38 \$1,539.53	\$2,963.41 \$5,911.06	\$2,200.65 \$4,401.30	\$762.76 \$1,509.76	(\$14.62) (\$29.77)	-0.5% -0.5%
			Present Rates	. ,,		Proposed Rates		<u> </u>	
Customer Charge			\$15.23			\$15.76			
Distribution Demand	Charge	KW x	\$5.92			\$6.12			
Transition Demand Ch	narge	KW x	\$0.80			\$0.53			
Distribution Charge		KWh x	\$0.00062			\$0.00086			
Transition Charge		KWh x	\$0.00659			\$0.00435			
Transmission Charge		KWh x	\$0.00700			\$0.00834			
DSM Charge Renewables Charge		KWh x KWh x	\$0.00250 \$0.00050			\$0.00250 \$0.00050			
Supplier Services		KWIIX	\$0.00030			30.00030			
Energy Charge		KWh x	\$0.14671	SEMA		\$0.14671	SEMA		
		,	(1)	/	/	(2)	,	(1) ve (	2)
	,		(1)		,	(2)		(1) vs (	
Monthly			Present Rates			Proposed Rates		Increase (De	
Power			Default	Retail		Default	Retail	mereuse (De	crease)
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA	•	WCMA	WCMA			
15	3,000	\$616.73	\$449.07	\$167.66	\$614.23	\$449.07	\$165.16	(\$2.50)	-0.4%
20	4,000	\$817.23	\$598.76	\$218.47	\$813.72	\$598.76	\$214.96	(\$3.51)	-0.4%
40	8,000	\$1,619.23	\$1,197.52	\$421.71	\$1,611.68	\$1,197.52	\$414.16	(\$7.55)	-0.5%
75	15,000	\$3,022.73	\$2,245.35	\$777.38	\$3,008.11	\$2,245.35	\$762.76	(\$14.62)	-0.5%
150	30,000	\$6,030.23	\$4,490.70	\$1,539.53	\$6,000.46	\$4,490.70	\$1,509.76	(\$29.77)	-0.5%
		F	Present Rates			Proposed Rates			
Customer Charge			\$15.23			\$15.76			
Distribution Demand	Charge	KW x	\$5.92			\$6.12			
Transition Demand Ch	narge	KW x	\$0.80			\$0.53			
Distribution Charge		KWh x	\$0.00062			\$0.00086			
Transition Charge		KWh x	\$0.00659			\$0.00435			
Transmission Charge		KWh x	\$0.00700			\$0.00834			
DSM Charge Renewables Charge		KWh x KWh x	\$0.00250 \$0.00050			\$0.00250 \$0.00050			
Supplier Services		KWIIX	\$0.00050			ψ0.00030			
Energy Charge		KWh x	\$0.14969	WCMA		\$0.14969	WCMA		
	/	/	(1)	/	/	(2)	/	(1) vs (	2)
								Overal	
Monthly			Present Rates			Proposed Rates		Increase (De	crease)
Power			Default	Retail		Default	Retail		
KW	KWh	Total NEMA	Service NEMA	Delivery	Total NEMA	Service NEMA	Delivery	Amount	%
15	3,000	\$625.37	\$457.71	\$167.66	\$622.87	\$457.71	\$165.16	(\$2.50)	-0.4%
20	4,000	\$828.75	\$610.28	\$218.47	\$825.24	\$610.28	\$214.96	(\$3.51)	-0.4%
40	8,000	\$1,642.27	\$1,220.56	\$421.71	\$1,634.72	\$1,220.56	\$414.16	(\$7.55)	-0.4%
75	15,000	\$3,065.93	\$2,288.55	\$777.38	\$3,051.31	\$2,288.55	\$762.76	(\$14.62)	-0.5%
150	30,000	\$6,116.63	\$4,577.10	\$1,539.53	\$6,086.86	\$4,577.10	\$1,509.76	(\$29.77)	-0.5%
		<u> </u>	Present Rates			Proposed Rates			
Customer Charge			\$15.23			\$15.76			
Distribution Demand		KW x	\$5.92			\$6.12			
Transition Demand Ch	narge	KW x	\$0.80			\$0.53			
Distribution Charge		KWh x	\$0.00062			\$0.00086			
Transition Charge		KWh x	\$0.00659			\$0.00435			
Transmission Charge DSM Charge		KWh x	\$0.00700			\$0.00834 \$0.00250			
Renewables Charge		KWh x KWh x	\$0.00250 \$0.00050			\$0.00250			

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### Impact on G-2 Default Service Customers

Hours Use: 250

_			/	(1)	/	/	(2)	/	(1) vs (	2)
	Monthly			Present Rates			Proposed Rates		Overa Increase (De	
	Power			Default	Retail		Default	Retail		
	KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
			SEMA	SEMA		SEMA	SEMA			
	15	3,750	\$730.74	\$550.16	\$180.58	\$727.75	\$550.16	\$177.59	(\$2.99)	-0.4%
	20	5,000	\$969.23	\$733.55	\$235.68	\$965.06	\$733.55	\$231.51	(\$4.17)	-0.4%
	40	10,000	\$1,923.23	\$1,467.10	\$456.13	\$1,914.36	\$1,467.10	\$447.26	(\$8.87)	-0.5%
	75	18,750	\$3,592.74	\$2,750.81	\$841.93	\$3,575.65	\$2,750.81	\$824.84	(\$17.09)	-0.5%
	150	37,500	\$7,170.24	\$5,501.63	\$1,668.61	\$7,135.52	\$5,501.63	\$1,633.89	(\$34.72)	-0.5%

	]	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Mon	thly		Present Rates			Proposed Rates		Overa Increase (De	
Power	-		Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA		WCMA	WCMA			
15	3,750	\$741.92	\$561.34	\$180.58	\$738.93	\$561.34	\$177.59	(\$2.99)	-0.4%
20	5,000	\$984.13	\$748.45	\$235.68	\$979.96	\$748.45	\$231.51	(\$4.17)	-0.4%
40	10,000	\$1,953.03	\$1,496.90	\$456.13	\$1,944.16	\$1,496.90	\$447.26	(\$8.87)	-0.5%
75	18,750	\$3,648.62	\$2,806.69	\$841.93	\$3,631.53	\$2,806.69	\$824.84	(\$17.09)	-0.5%
150	37.500	\$7.281.99	\$5,613,38	\$1.668.61	\$7.247.27	\$5.613.38	\$1.633.89	(\$34.72)	-0.5%

	!	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		NEMA	NEMA		NEMA	NEMA			
15	3,750	\$752.72	\$572.14	\$180.58	\$749.73	\$572.14	\$177.59	(\$2.99)	-0.4%
20	5,000	\$998.53	\$762.85	\$235.68	\$994.36	\$762.85	\$231.51	(\$4.17)	-0.4%
40	10,000	\$1,981.83	\$1,525.70	\$456.13	\$1,972.96	\$1,525.70	\$447.26	(\$8.87)	-0.4%
75	18,750	\$3,702.62	\$2,860.69	\$841.93	\$3,685.53	\$2,860.69	\$824.84	(\$17.09)	-0.5%
150	37,500	\$7,389.99	\$5,721.38	\$1,668.61	\$7,355.27	\$5,721.38	\$1,633.89	(\$34.72)	-0.5%

	]	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

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### Impact on G-2 Default Service Customers

Hours Use: 300

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
15	4,500	\$853.68	\$660.20	\$193.48	\$850.19	\$660.20	\$189.99	(\$3.49)	-0.4%
20	6,000	\$1,133.15	\$880.26	\$252.89	\$1,128.32	\$880.26	\$248.06	(\$4.83)	-0.4%
40	12,000	\$2,251.07	\$1,760.52	\$490.55	\$2,240.88	\$1,760.52	\$480.36	(\$10.19)	-0.5%
75	22,500	\$4,207.44	\$3,300.98	\$906.46	\$4,187.87	\$3,300.98	\$886.89	(\$19.57)	-0.5%
150	45,000	\$8,399.63	\$6,601.95	\$1,797.68	\$8,359.96	\$6,601.95	\$1,758.01	(\$39.67)	-0.5%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Month	lv		Present Rates			Proposed Rates		Overal Increase (De	
Power	ily		Default	Retail		Default	Retail	merease (De	cicasc)
KW	KWh	Total WCMA	Service WCMA	Delivery	Total WCMA	Service WCMA	Delivery	Amount	%
15	4,500	\$867.09	\$673.61	\$193.48	\$863.60	\$673.61	\$189.99	(\$3.49)	-0.4%
20	6,000	\$1,151.03	\$898.14	\$252.89	\$1,146.20	\$898.14	\$248.06	(\$4.83)	-0.4%
40	12,000	\$2,286.83	\$1,796.28	\$490.55	\$2,276.64	\$1,796.28	\$480.36	(\$10.19)	-0.4%
75	22,500	\$4,274.49	\$3,368.03	\$906.46	\$4,254.92	\$3,368.03	\$886.89	(\$19.57)	-0.5%
150	45,000	\$8,533.73	\$6,736.05	\$1,797.68	\$8,494.06	\$6,736.05	\$1,758.01	(\$39.67)	-0.5%

	ļ	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Mont	hly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		NEMA	NEMA		NEMA	NEMA			
15	4,500	\$880.05	\$686.57	\$193.48	\$876.56	\$686.57	\$189.99	(\$3.49)	-0.4%
20	6,000	\$1,168.31	\$915.42	\$252.89	\$1,163.48	\$915.42	\$248.06	(\$4.83)	-0.4%
40	12,000	\$2,321.39	\$1,830.84	\$490.55	\$2,311.20	\$1,830.84	\$480.36	(\$10.19)	-0.4%
75	22,500	\$4,339.29	\$3,432.83	\$906.46	\$4,319.72	\$3,432.83	\$886.89	(\$19.57)	-0.5%
150	45,000	\$8,663.33	\$6,865.65	\$1,797.68	\$8,623.66	\$6,865.65	\$1,758.01	(\$39.67)	-0.5%

	1	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Transmission Charge DSM Charge	KWh x KWh x	\$0.00700 \$0.00250	\$0.00834 \$0.00250		

Supplier Services

### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

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### Impact on G-2 Default Service Customers

Hours Use: 350

		/	(1)	/	/	(2)	/	(1) vs (	2)
Mon	ıthly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
15	5,250	\$976.63	\$770.23	\$206.40	\$972.65	\$770.23	\$202.42	(\$3.98)	-0.4%
20	7,000	\$1,297.07	\$1,026.97	\$270.10	\$1,291.58	\$1,026.97	\$264.61	(\$5.49)	-0.4%
40	14,000	\$2,578.91	\$2,053.94	\$524.97	\$2,567.40	\$2,053.94	\$513.46	(\$11.51)	-0.4%
75	26,250	\$4,822.15	\$3,851.14	\$971.01	\$4,800.11	\$3,851.14	\$948.97	(\$22.04)	-0.5%
150	52,500	\$9,629.04	\$7,702.28	\$1,926.76	\$9,584.42	\$7,702.28	\$1,882.14	(\$44.62)	-0.5%

	]	Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671 SEMA \$0.14671 SEMA

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Monti	nlv		Present Rates			Proposed Rates		Overal Increase (De	
Power	,		Default	Retail		Default	Retail		,
KW	KWh	Total WCMA	Service WCMA	Delivery	Total WCMA	Service WCMA	Delivery	Amount	%
15	5,250	\$992.27	\$785.87	\$206.40	\$988.29	\$785.87	\$202.42	(\$3.98)	-0.4%
20	7,000	\$1,317.93	\$1,047.83	\$270.10	\$1,312.44	\$1,047.83	\$264.61	(\$5.49)	-0.4%
40	14,000	\$2,620.63	\$2,095.66	\$524.97	\$2,609.12	\$2,095.66	\$513.46	(\$11.51)	-0.4%
75	26,250	\$4,900.37	\$3,929.36	\$971.01	\$4,878.33	\$3,929.36	\$948.97	(\$22.04)	-0.4%
150	52 500	\$9 785 49	\$7.858.73	\$1,926.76	\$9 740 87	\$7.858.73	\$1.882.14	(\$44.62)	-0.5%

	!	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month	ly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		NEMA	NEMA		NEMA	NEMA			
15	5,250	\$1,007.39	\$800.99	\$206.40	\$1,003.41	\$800.99	\$202.42	(\$3.98)	-0.4%
20	7,000	\$1,338.09	\$1,067.99	\$270.10	\$1,332.60	\$1,067.99	\$264.61	(\$5.49)	-0.4%
40	14,000	\$2,660.95	\$2,135.98	\$524.97	\$2,649.44	\$2,135.98	\$513.46	(\$11.51)	-0.4%
75	26,250	\$4,975.97	\$4,004.96	\$971.01	\$4,953.93	\$4,004.96	\$948.97	(\$22.04)	-0.4%
150	52,500	\$9,936.69	\$8,009.93	\$1,926.76	\$9,892.07	\$8,009.93	\$1,882.14	(\$44.62)	-0.4%

	ļ	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

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### Impact on G-2 Default Service Customers

Hours Use: 400

			/	(1)	/	/	(2)	/	(1) vs (	2)
	Monthl	ly		Present Rates			Proposed Rates		Overal Increase (De	
Po	ower			Default	Retail		Default	Retail		
KW		KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
			SEMA	SEMA		SEMA	SEMA			
	15	6,000	\$1,099.55	\$880.26	\$219.29	\$1,095.07	\$880.26	\$214.81	(\$4.48)	-0.4%
	20	8,000	\$1,460.99	\$1,173.68	\$287.31	\$1,454.84	\$1,173.68	\$281.16	(\$6.15)	-0.4%
	40	16,000	\$2,906.75	\$2,347.36	\$559.39	\$2,893.92	\$2,347.36	\$546.56	(\$12.83)	-0.4%
	75	30,000	\$5,436.83	\$4,401.30	\$1,035.53	\$5,412.31	\$4,401.30	\$1,011.01	(\$24.52)	-0.5%
	150	60,000	\$10,858.43	\$8,802.60	\$2,055.83	\$10,808.86	\$8,802.60	\$2,006.26	(\$49.57)	-0.5%

	1	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14671\$ SEMA \$0.14671\$ SEMA

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Month	ıly		Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total WCMA	Service WCMA	Delivery	Total WCMA	Service WCMA	Delivery	Amount	%
15	6,000	\$1,117.43	\$898.14	\$219.29	\$1,112.95	\$898.14	\$214.81	(\$4.48)	-0.4%
20	8,000	\$1,484.83	\$1,197.52	\$287.31	\$1,478.68	\$1,197.52	\$281.16	(\$6.15)	-0.4%
40	16,000	\$2,954.43	\$2,395.04	\$559.39	\$2,941.60	\$2,395.04	\$546.56	(\$12.83)	-0.4%
75	30,000	\$5,526.23	\$4,490.70	\$1,035.53	\$5,501.71	\$4,490.70	\$1,011.01	(\$24.52)	-0.4%
150	60.000	\$11.037.23	\$8.981.40	\$2,055.83	\$10.987.66	\$8.981.40	\$2,006.26	(\$49.57)	-0.4%

	ļ	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

			/	(1)	/	/	(2)	/	(1) vs (	2)
	Monthly			Present Rates			Proposed Rates		Overa Increase (De	
	Power			Default	Retail		Default	Retail		
	KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
			NEMA	NEMA		NEMA	NEMA			
ſ										
	15	6,000	\$1,134.71	\$915.42	\$219.29	\$1,130.23	\$915.42	\$214.81	(\$4.48)	-0.4%
	20	8,000	\$1,507.87	\$1,220.56	\$287.31	\$1,501.72	\$1,220.56	\$281.16	(\$6.15)	-0.4%
	40	16,000	\$3,000.51	\$2,441.12	\$559.39	\$2,987.68	\$2,441.12	\$546.56	(\$12.83)	-0.4%
	75	30,000	\$5,612.63	\$4,577.10	\$1,035.53	\$5,588.11	\$4,577.10	\$1,011.01	(\$24.52)	-0.4%
	150	60,000	\$11,210.03	\$9,154.20	\$2,055.83	\$11,160.46	\$9,154.20	\$2,006.26	(\$49.57)	-0.4%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

### Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

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### Impact on G-2 Default Service Customers

Hours Use: 450

		/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
15	6,750	\$1,222.50	\$990.29	\$232.21	\$1,217.53	\$990.29	\$227.24	(\$4.97)	-0.4%
20	9,000	\$1,624.91	\$1,320.39	\$304.52	\$1,618.10	\$1,320.39	\$297.71	(\$6.81)	-0.4%
40	18,000	\$3,234.59	\$2,640.78	\$593.81	\$3,220.44	\$2,640.78	\$579.66	(\$14.15)	-0.4%
75	33,750	\$6,051.54	\$4,951.46	\$1,100.08	\$6,024.55	\$4,951.46	\$1,073.09	(\$26.99)	-0.4%
150	67,500	\$12,087.84	\$9,902.93	\$2,184.91	\$12,033.32	\$9,902.93	\$2,130.39	(\$54.52)	-0.5%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671\$ SEMA \$0.14671\$ SEMA

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Month	ıly		Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total WCMA	Service WCMA	Delivery	Total WCMA	Service WCMA	Delivery	Amount	%
15	6,750	\$1,242.62	\$1,010.41	\$232.21	\$1,237.65	\$1,010.41	\$227.24	(\$4.97)	-0.4%
20	9,000	\$1,651.73	\$1,347.21	\$304.52	\$1,644.92	\$1,347.21	\$297.71	(\$6.81)	-0.4%
40	18,000	\$3,288.23	\$2,694.42	\$593.81	\$3,274.08	\$2,694.42	\$579.66	(\$14.15)	-0.4%
75	33,750	\$6,152.12	\$5,052.04	\$1,100.08	\$6,125.13	\$5,052.04	\$1,073.09	(\$26.99)	-0.4%
150	67.500	\$12,288.99	\$10.104.08	\$2,184,91	\$12.234.47	\$10.104.08	\$2,130.39	(\$54.52)	-0.4%

	]	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly			Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		NEMA	NEMA		NEMA	NEMA			
15	6,750	\$1,262.06	\$1,029.85	\$232.21	\$1,257.09	\$1,029.85	\$227.24	(\$4.97)	-0.4%
20	9,000	\$1,677.65	\$1,373.13	\$304.52	\$1,670.84	\$1,373.13	\$297.71	(\$6.81)	-0.4%
40	18,000	\$3,340.07	\$2,746.26	\$593.81	\$3,325.92	\$2,746.26	\$579.66	(\$14.15)	-0.4%
75	33,750	\$6,249.32	\$5,149.24	\$1,100.08	\$6,222.33	\$5,149.24	\$1,073.09	(\$26.99)	-0.4%
150	67,500	\$12,483.39	\$10,298.48	\$2,184.91	\$12,428.87	\$10,298.48	\$2,130.39	(\$54.52)	-0.4%

		Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 17 of 22

Impact on G-3 Default Service Customers

Hours Use: 250

KWh Split: - On-Peak 55% - Off-Peak 45%

- Off-Peak 45% /------ (1) ------/ /----- (2) -----/ (1) vs (2)

Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
600	150,000	\$28,085.39	\$22,006.50	\$6,078.89	\$27,887.57	\$22,006.50	\$5,881.07	(\$197.82)	-0.7%
800	200,000	\$37,424.77	\$29,342.00	\$8,082.77	\$37,160.22	\$29,342.00	\$7,818.22	(\$264.55)	-0.7%
1,000	250,000	\$46,764.14	\$36,677.50	\$10,086.64	\$46,432.87	\$36,677.50	\$9,755.37	(\$331.27)	-0.7%
1,500	375,000	\$70,112.59	\$55,016.25	\$15,096.34	\$69,614.50	\$55,016.25	\$14,598.25	(\$498.09)	-0.7%
3,000	750,000	\$140,157.89	\$110,032.50	\$30,125.39	\$139,159.37	\$110,032.50	\$29,126.87	(\$998.52)	-0.7%

Present Rates Proposed Rates Customer Charge Distribution Demand Charge \$67.27 \$69.62 \$67.27 \$3.63 \$1.36 \$0.01110 (\$0.00055) KW x \$3.75 \$0.90 \$0.01171 (\$0.00035) Transition Demand Charge Distribution Charge: On Peak Distribution Charge: Off Peak KW x KWh x KWh x \$0.00497 \$0.00629 \$0.00324 \$0.00762 Transition Charge KWh x Transmission Charge DSM Charge Renewables Charge KWh x KWh x \$0.00250 \$0.00250 KWh x \$0.00050 \$0.00050

Supplier Services

Energy Charge KWh x \$0.14671\$ SEMA \$0.14671 SEMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month	hly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA		WCMA	WCMA			
600	150,000	\$28,532.39	\$22,453.50	\$6,078.89	\$28,334.57	\$22,453.50	\$5,881.07	(\$197.82)	-0.7%
800	200,000	\$38,020.77	\$29,938.00	\$8,082.77	\$37,756.22	\$29,938.00	\$7,818.22	(\$264.55)	-0.7%
1,000	250,000	\$47,509.14	\$37,422.50	\$10,086.64	\$47,177.87	\$37,422.50	\$9,755.37	(\$331.27)	-0.7%
1,500	375,000	\$71,230.09	\$56,133.75	\$15,096.34	\$70,732.00	\$56,133.75	\$14,598.25	(\$498.09)	-0.7%
3,000	750,000	\$142,392.89	\$112,267.50	\$30,125.39	\$141,394.37	\$112,267.50	\$29,126.87	(\$998.52)	-0.7%

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		NEMA	NEMA		NEMA	NEMA	-		
600	150,000	\$28,964.39	\$22,885.50	\$6,078.89	\$28,766.57	\$22,885.50	\$5,881.07	(\$197.82)	-0.7%
800	200,000	\$38,596.77	\$30,514.00	\$8,082.77	\$38,332.22	\$30,514.00	\$7,818.22	(\$264.55)	-0.7%
1,000	250,000	\$48,229.14	\$38,142.50	\$10,086.64	\$47,897.87	\$38,142.50	\$9,755.37	(\$331.27)	-0.7%
1,500	375,000	\$72,310.09	\$57,213.75	\$15,096.34	\$71,812.00	\$57,213.75	\$14,598.25	(\$498.09)	-0.7%
3,000	750,000	\$144,552.89	\$114,427.50	\$30,125.39	\$143,554.37	\$114,427.50	\$29,126.87	(\$998.52)	-0.7%

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					

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Impact on G-3 Default Service Customers

Hours Use: 300

KWh Split: - On-Peak 50% - Off-Peak 50%

- Off-Peak 50% /------ (1) ------ (2) ------ (1) vs (2)

								Overa	1
Monthly		Present Rates			Proposed Rates			Increase (Decrease)	
Power			Default	Retail		Default	Retail		,
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA	- 1	SEMA	SEMA	•		
600	180,000	\$32,985.37	\$26,407.80	\$6,577.57	\$32,784.62	\$26,407.80	\$6,376.82	(\$200.75)	-0.6%
800	240,000	\$43,958.07	\$35,210.40	\$8,747.67	\$43,689.62	\$35,210.40	\$8,479.22	(\$268.45)	-0.6%
1,000	300,000	\$54,930.77	\$44,013.00	\$10,917.77	\$54,594.62	\$44,013.00	\$10,581.62	(\$336.15)	-0.6%
1,500	450,000	\$82,362.52	\$66,019.50	\$16,343.02	\$81,857.12	\$66,019.50	\$15,837.62	(\$505.40)	-0.6%
3,000	900,000	\$164,657.77	\$132,039.00	\$32,618.77	\$163,644.62	\$132,039.00	\$31,605.62	(\$1,013.15)	-0.6%

Present Rates Proposed Rates Customer Charge Distribution Demand Charge \$67.27 \$69.62 \$67.27 \$3.63 \$1.36 \$0.01110 (\$0.00055) KW x \$3.75 \$0.90 \$0.01171 (\$0.00035) Transition Demand Charge Distribution Charge: On Peak Distribution Charge: Off Peak KW x KWh x KWh x \$0.00497 \$0.00629 \$0.00324 \$0.00762 Transition Charge KWh x Transmission Charge KWh x DSM Charge Renewables Charge KWh x \$0.00250 \$0.00250 KWh x \$0.00050 \$0.00050

Supplier Services

Energy Charge KWh x \$0.14671\$ SEMA \$0.14671 SEMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month	ıly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA		WCMA	WCMA			
600	180,000	\$33,521.77	\$26,944.20	\$6,577.57	\$33,321.02	\$26,944.20	\$6,376.82	(\$200.75)	-0.6%
800	240,000	\$44,673.27	\$35,925.60	\$8,747.67	\$44,404.82	\$35,925.60	\$8,479.22	(\$268.45)	-0.6%
1,000	300,000	\$55,824.77	\$44,907.00	\$10,917.77	\$55,488.62	\$44,907.00	\$10,581.62	(\$336.15)	-0.6%
1,500	450,000	\$83,703.52	\$67,360.50	\$16,343.02	\$83,198.12	\$67,360.50	\$15,837.62	(\$505.40)	-0.6%
3,000	900,000	\$167,339.77	\$134,721.00	\$32,618.77	\$166,326.62	\$134,721.00	\$31,605.62	(\$1,013.15)	-0.6%

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

			/	(1)	/	/	(2)	/	(1) vs (2	2)
	Monthly			Present Rates			Proposed Rates		Overal Increase (De	
	Power			Default	Retail		Default	Retail		
	KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
			NEMA	NEMA		NEMA	NEMA			
ſ										
	600	180,000	\$34,040.17	\$27,462.60	\$6,577.57	\$33,839.42	\$27,462.60	\$6,376.82	(\$200.75)	-0.6%
	800	240,000	\$45,364.47	\$36,616.80	\$8,747.67	\$45,096.02	\$36,616.80	\$8,479.22	(\$268.45)	-0.6%
	1,000	300,000	\$56,688.77	\$45,771.00	\$10,917.77	\$56,352.62	\$45,771.00	\$10,581.62	(\$336.15)	-0.6%
	1,500	450,000	\$84,999.52	\$68,656.50	\$16,343.02	\$84,494.12	\$68,656.50	\$15,837.62	(\$505.40)	-0.6%
	3,000	900,000	\$169,931.77	\$137,313.00	\$32,618.77	\$168,918.62	\$137,313.00	\$31,605.62	(\$1,013.15)	-0.6%

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					

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Date: 1-Mar-06

Time: 01:49 PM

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 19 of 22

Impact on G-3 Default Service Customers

Hours Use: 350

<u>KWh Split:</u> - On-Peak 50% - Off-Peak 50%

- Off-Peak 50% (1) ------ (2) ------ (1) vs (2)

Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
600	210,000	\$37,972.72	\$30,809.10	\$7,163.62	\$37,772.12	\$30,809.10	\$6,963.02	(\$200.60)	-0.5%
800	280,000	\$50,607.87	\$41,078.80	\$9,529.07	\$50,339.62	\$41,078.80	\$9,260.82	(\$268.25)	-0.5%
1,000	350,000	\$63,243.02	\$51,348.50	\$11,894.52	\$62,907.12	\$51,348.50	\$11,558.62	(\$335.90)	-0.5%
1,500	525,000	\$94,830.89	\$77,022.75	\$17,808.14	\$94,325.87	\$77,022.75	\$17,303.12	(\$505.02)	-0.5%
3,000	1,050,000	\$189,594.52	\$154,045.50	\$35,549.02	\$188,582.12	\$154,045.50	\$34,536.62	(\$1,012.40)	-0.5%

		Present Kates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge KWh x \$0.14671\$ SEMA \$0.14671\$ SEMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month	ıly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA		WCMA	WCMA			
600	210,000	\$38,598.52	\$31,434.90	\$7,163.62	\$38,397.92	\$31,434.90	\$6,963.02	(\$200.60)	-0.5%
800	280,000	\$51,442.27	\$41,913.20	\$9,529.07	\$51,174.02	\$41,913.20	\$9,260.82	(\$268.25)	-0.5%
1,000	350,000	\$64,286.02	\$52,391.50	\$11,894.52	\$63,950.12	\$52,391.50	\$11,558.62	(\$335.90)	-0.5%
1,500	525,000	\$96,395.39	\$78,587.25	\$17,808.14	\$95,890.37	\$78,587.25	\$17,303.12	(\$505.02)	-0.5%
3,000	1,050,000	\$192,723.52	\$157,174.50	\$35,549.02	\$191,711.12	\$157,174.50	\$34,536.62	(\$1,012.40)	-0.5%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (	(2)
Mont	hly		Present Rates			Proposed Rates		Overa Increase (De	
Power	-		Default	Retail		Default	Retail		
KW	KWh	Total NEMA	Service NEMA	Delivery	Total NEMA	Service NEMA	Delivery	Amount	%
600	210,000	\$39,203.32	\$32,039.70	\$7,163.62	\$39,002.72	\$32,039.70	\$6,963.02	(\$200.60)	-0.5%
800	280,000	\$52,248.67	\$42,719.60	\$9,529.07	\$51,980.42	\$42,719.60	\$9,260.82	(\$268.25)	-0.5%
1,000	350,000	\$65,294.02	\$53,399.50	\$11,894.52	\$64,958.12	\$53,399.50	\$11,558.62	(\$335.90)	-0.5%
1,500	525,000	\$97,907.39	\$80,099.25	\$17,808.14	\$97,402.37	\$80,099.25	\$17,303.12	(\$505.02)	-0.5%
3,000	1,050,000	\$195,747.52	\$160,198.50	\$35,549.02	\$194,735.12	\$160,198.50	\$34,536.62	(\$1,012.40)	-0.5%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			

File: Date: Time:

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

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Impact on G-3 Default Service Customers

Hours Use: 400

KWh Split: - On-Peak 45%

- Off-Peak	55%					
	/	(1)	/ /	(2)	/	(1) vs (2)

								Overal	1
Monthly		Present Rates				Proposed Rates		Increase (De	crease)
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
600	240,000	\$42,820.27	\$35,210.40	\$7,609.87	\$42,614.90	\$35,210.40	\$7,404.50	(\$205.37)	-0.5%
800	320,000	\$57,071.27	\$46,947.20	\$10,124.07	\$56,796.66	\$46,947.20	\$9,849.46	(\$274.61)	-0.5%
1,000	400,000	\$71,322.27	\$58,684.00	\$12,638.27	\$70,978.42	\$58,684.00	\$12,294.42	(\$343.85)	-0.5%
1,500	600,000	\$106,949.77	\$88,026.00	\$18,923.77	\$106,432.82	\$88,026.00	\$18,406.82	(\$516.95)	-0.5%
3,000	1,200,000	\$213,832.27	\$176,052.00	\$37,780.27	\$212,796.02	\$176,052.00	\$36,744.02	(\$1,036.25)	-0.5%

		Present Kates	Proposed Rates	
Customer Charge		\$67.27	\$69.62	
Distribution Demand Charge	KW x	\$3.63	\$3.75	
Transition Demand Charge	KW x	\$1.36	\$0.90	
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171	
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)	
Transition Charge	KWh x	\$0.00497	\$0.00324	
Transmission Charge	KWh x	\$0.00629	\$0.00762	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	

Supplier Services

\$0.14671 SEMA \$0.14671 SEMA KWh x Energy Charge

			/	(1)	/	/	(2)	/	(1) vs (	2)
	Monthly Power			Present Rates			Proposed Rates		Overal Increase (De	
				Default	Default Retail		Default			
	KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
			WCMA	WCMA		WCMA	WCMA			
	600	240,000	\$43,535.47	\$35,925.60	\$7,609.87	\$43,330.10	\$35,925.60	\$7,404.50	(\$205.37)	-0.5%
	800	320,000	\$58,024.87	\$47,900.80	\$10,124.07	\$57,750.26	\$47,900.80	\$9,849.46	(\$274.61)	-0.5%
	1,000	400,000	\$72,514.27	\$59,876.00	\$12,638.27	\$72,170.42	\$59,876.00	\$12,294.42	(\$343.85)	-0.5%
	1,500	600,000	\$108,737.77	\$89,814.00	\$18,923.77	\$108,220.82	\$89,814.00	\$18,406.82	(\$516.95)	-0.5%
	3,000	1,200,000	\$217,408.27	\$179,628.00	\$37,780.27	\$216,372.02	\$179,628.00	\$36,744.02	(\$1,036.25)	-0.5%

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
-					

Supplier Services

Energy Charge

\$0.14969 WCMA \$0.14969 WCMA Energy Charge KWh x

		/	(1)	/	/	(2)	/	(1) vs (	2)
Mont	hly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total NEMA	Service NEMA	Delivery	Total NEMA	Service NEMA	Delivery	Amount	%
600	240,000	\$44,226.67	\$36,616.80	\$7,609.87	\$44,021.30	\$36,616.80	\$7,404.50	(\$205.37)	-0.5%
800	320,000	\$58,946.47	\$48,822.40	\$10,124.07	\$58,671.86	\$48,822.40	\$9,849.46	(\$274.61)	-0.5%
1,000	400,000	\$73,666.27	\$61,028.00	\$12,638.27	\$73,322.42	\$61,028.00	\$12,294.42	(\$343.85)	-0.5%
1,500	600,000	\$110,465.77	\$91,542.00	\$18,923.77	\$109,948.82	\$91,542.00	\$18,406.82	(\$516.95)	-0.5%
3,000	1,200,000	\$220,864.27	\$183,084.00	\$37,780.27	\$219,828.02	\$183,084.00	\$36,744.02	(\$1,036.25)	-0.5%

\$0.15257 NEMA

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					

KWh x

\$0.15257 NEMA

File: Date: Time:

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

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Impact on G-3 Default Service Customers

Hours Use: 450

KWh Split: - On-Peak 45%

- Off-Peak	55%						
	/	(1)	/	/	(2)	/	(1) vs (2)

								Overal	1
Mon	thly	Present Rates				Proposed Rates		Increase (De	crease)
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
600	270,000	\$47,790.14	\$39,611.70	\$8,178.44	\$47,584.31	\$39,611.70	\$7,972.61	(\$205.83)	-0.4%
800	360,000	\$63,697.77	\$52,815.60	\$10,882.17	\$63,422.54	\$52,815.60	\$10,606.94	(\$275.23)	-0.4%
1,000	450,000	\$79,605.39	\$66,019.50	\$13,585.89	\$79,260.77	\$66,019.50	\$13,241.27	(\$344.62)	-0.4%
1,500	675,000	\$119,374.46	\$99,029.25	\$20,345.21	\$118,856.34	\$99,029.25	\$19,827.09	(\$518.12)	-0.4%
3,000	1,350,000	\$238,681.64	\$198,058.50	\$40,623.14	\$237,643.07	\$198,058.50	\$39,584.57	(\$1,038.57)	-0.4%

		Present Kates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050

Supplier Services

\$0.14671 SEMA \$0.14671 SEMA KWh x Energy Charge

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month	nly		Present Rates			Proposed Rates		Overal Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA		WCMA	WCMA			
600	270,000	\$48,594.74	\$40,416.30	\$8,178.44	\$48,388.91	\$40,416.30	\$7,972.61	(\$205.83)	-0.4%
800	360,000	\$64,770.57	\$53,888.40	\$10,882.17	\$64,495.34	\$53,888.40	\$10,606.94	(\$275.23)	-0.4%
1,000	450,000	\$80,946.39	\$67,360.50	\$13,585.89	\$80,601.77	\$67,360.50	\$13,241.27	(\$344.62)	-0.4%
1,500	675,000	\$121,385.96	\$101,040.75	\$20,345.21	\$120,867.84	\$101,040.75	\$19,827.09	(\$518.12)	-0.4%
3,000	1,350,000	\$242,704.64	\$202,081.50	\$40,623.14	\$241,666.07	\$202,081.50	\$39,584.57	(\$1,038.57)	-0.4%

		Present Rates	Proposed Rates		
Customer Charge		\$67.27	\$69.62		
Distribution Demand Charge	KW x	\$3.63	\$3.75		
Transition Demand Charge	KW x	\$1.36	\$0.90		
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171		
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)		
Transition Charge	KWh x	\$0.00497	\$0.00324		
Transmission Charge	KWh x	\$0.00629	\$0.00762		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		

Supplier Services

\$0.14969 WCMA \$0.14969 WCMA Energy Charge KWh x

		/	(1)	/	/	(2)	/	(1) vs (	2)
Mon	thly		Present Rates			Proposed Rates		Overa Increase (De	-
Power			Default	Retail		Default	Retail		
KW	KWh	Total NEMA	Service NEMA	Delivery	Total NEMA	Service NEMA	Delivery	Amount	%
600	270,000	\$49,372.34	\$41,193.90	\$8,178.44	\$49,166.51	\$41,193.90	\$7,972.61	(\$205.83)	-0.4%
800	360,000	\$65,807.37	\$54,925.20	\$10,882.17	\$65,532.14	\$54,925.20	\$10,606.94	(\$275.23)	-0.4%
1,000	450,000	\$82,242.39	\$68,656.50	\$13,585.89	\$81,897.77	\$68,656.50	\$13,241.27	(\$344.62)	-0.4%
1,500	675,000	\$123,329.96	\$102,984.75	\$20,345.21	\$122,811.84	\$102,984.75	\$19,827.09	(\$518.12)	-0.4%
3,000	1,350,000	\$246,592.64	\$205,969.50	\$40,623.14	\$245,554.07	\$205,969.50	\$39,584.57	(\$1,038.57)	-0.4%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.15257 NEMA	\$0.15257 NEMA

Massachusetts Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill National Grid Docket No. D.T.E. 06-5 Exhibit TMB-21 Compliance Page 22 of 22

Impact on G-3 Default Service Customers

Hours Use: 500

KWh Split: - On-Peak 45% - Off-Peak 55%

- Off-Peak 55% /------ (1) ------ (2) ------ (1) vs (2)

Month	ıly		Present Rates			Proposed Rates		Overal Increase (De	-
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		SEMA	SEMA		SEMA	SEMA			
600	300,000	\$52,760.02	\$44,013.00	\$8,747.02	\$52,553.72	\$44,013.00	\$8,540.72	(\$206.30)	-0.4%
800	400,000	\$70,324.27	\$58,684.00	\$11,640.27	\$70,048.42	\$58,684.00	\$11,364.42	(\$275.85)	-0.4%
1,000	500,000	\$87,888.52	\$73,355.00	\$14,533.52	\$87,543.12	\$73,355.00	\$14,188.12	(\$345.40)	-0.4%
1,500	750,000	\$131,799.14	\$110,032.50	\$21,766.64	\$131,279.87	\$110,032.50	\$21,247.37	(\$519.27)	-0.4%
3,000	1,500,000	\$263,531.02	\$220,065.00	\$43,466.02	\$262,490.12	\$220,065.00	\$42,425.12	(\$1,040.90)	-0.4%

Present Rates Proposed Rates Customer Charge Distribution Demand Charge \$67.27 \$69.62 \$3.63 \$1.36 \$0.01110 (\$0.00055) KW x \$3.75 \$0.90 \$0.01171 (\$0.00035) Transition Demand Charge Distribution Charge: On Peak Distribution Charge: Off Peak KW x KWh x KWh x Transition Charge Transmission Charge DSM Charge Renewables Charge \$0.00497 \$0.00629 \$0.00324 \$0.00762 \$0.00250 KWh x KWh x KWh x \$0.00250 KWh x \$0.00050 \$0.00050

Supplier Services

Energy Charge KWh x \$0.14671\$ SEMA \$0.14671 SEMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month	hly		Present Rates			Proposed Rates		Overa Increase (De	
Power			Default	Retail		Default	Retail		
KW	KWh	Total	Service	Delivery	Total	Service	Delivery	Amount	%
		WCMA	WCMA		WCMA	WCMA			
600	300,000	\$53,654.02	\$44,907.00	\$8,747.02	\$53,447.72	\$44,907.00	\$8,540.72	(\$206.30)	-0.4%
800	400,000	\$71,516.27	\$59,876.00	\$11,640.27	\$71,240.42	\$59,876.00	\$11,364.42	(\$275.85)	-0.4%
1,000	500,000	\$89,378.52	\$74,845.00	\$14,533.52	\$89,033.12	\$74,845.00	\$14,188.12	(\$345.40)	-0.4%
1,500	750,000	\$134,034.14	\$112,267.50	\$21,766.64	\$133,514.87	\$112,267.50	\$21,247.37	(\$519.27)	-0.4%
3,000	1,500,000	\$268,001.02	\$224,535.00	\$43,466.02	\$266,960.12	\$224,535.00	\$42,425.12	(\$1,040.90)	-0.4%

		Present Rates	Proposed Rates	
Customer Charge		\$67.27	\$69.62	
Distribution Demand Charge	KW x	\$3.63	\$3.75	
Transition Demand Charge	KW x	\$1.36	\$0.90	
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171	
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)	
Transition Charge	KWh x	\$0.00497	\$0.00324	
Transmission Charge	KWh x	\$0.00629	\$0.00762	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	

Supplier Services

Energy Charge

Energy Charge KWh x \$0.14969 WCMA \$0.14969 WCMA

		/	(1)	/	/	(2)	/	(1) vs (	2)
Monti	nly		Present Rates			Proposed Rates		Overal Increase (De	
Power	•		Default	Retail		Default	Retail	,	ŕ
KW	KWh	Total NEMA	Service NEMA	Delivery	Total NEMA	Service NEMA	Delivery	Amount	%
600	300,000	\$54,518.02	\$45,771.00	\$8,747.02	\$54,311.72	\$45,771.00	\$8,540.72	(\$206.30)	-0.4%
800	400,000	\$72,668.27	\$61,028.00	\$11,640.27	\$72,392.42	\$61,028.00	\$11,364.42	(\$275.85)	-0.4%
1,000	500,000	\$90,818.52	\$76,285.00	\$14,533.52	\$90,473.12	\$76,285.00	\$14,188.12	(\$345.40)	-0.4%
1,500	750,000	\$136,194.14	\$114,427.50	\$21,766.64	\$135,674.87	\$114,427.50	\$21,247.37	(\$519.27)	-0.4%
3,000	1,500,000	\$272,321.02	\$228,855.00	\$43,466.02	\$271,280.12	\$228,855.00	\$42,425.12	(\$1,040.90)	-0.4%

\$0.15257 NEMA

		Present Rates	Proposed Rates	
Customer Charge		\$67.27	\$69.62	
Distribution Demand Charge	KW x	\$3.63	\$3.75	
Transition Demand Charge	KW x	\$1.36	\$0.90	
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171	
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)	
Transition Charge	KWh x	\$0.00497	\$0.00324	
Transmission Charge	KWh x	\$0.00629	\$0.00762	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Supplier Services				

KWh x

\$0.15257 NEMA

MASSACHUSETTS ELECTRIC COMPANY NANTUCKET ELECTRIC COMPANY d/b/a NATIONAL GRID Docket No. D.T.E. 06-5

# **Exhibit TMB-22 Compliance**

**Revised Nantucket Electric Typical Bills** 

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-22 Compliance Page 1 of 20

File: Date:

> Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers

	/	(1)	/	/	(2)	/	(1) vs	(2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (Do	
125	\$26.18	\$13.40	\$12.78	\$26.34	\$13.40	\$12.94	\$0.16	0.6%
250	\$46.58	\$26.80	\$19.78	\$46.68	\$26.80	\$19.88	\$0.10	0.2%
500	\$87.31	\$53.59	\$33.72	\$87.31	\$53.59	\$33.72	\$0.00	0.0%
750	\$128.07	\$80.39	\$47.68	\$127.97	\$80.39	\$47.58	(\$0.10)	-0.1%
1,000	\$168.79	\$107.18	\$61.61	\$168.60	\$107.18	\$61.42	(\$0.19)	-0.1%
1,250	\$209.56	\$133.98	\$75.58	\$209.27	\$133.98	\$75.29	(\$0.29)	-0.1%
1,500	\$250.29	\$160.77	\$89.52	\$249.90	\$160.77	\$89.13	(\$0.39)	-0.2%
2,000	\$331.77	\$214.36	\$117.41	\$331.19	\$214.36	\$116.83	(\$0.58)	-0.2%

	<u>I</u>	Present Rates	Proposed Rates
Customer Charge		\$5.81	\$6.01
Distribution Charge	KWh x	\$0.02377	\$0.02484
Cable Facilities Surcharge	KWh x	\$0.01222	\$0.01222
Transition Charge	KWh x	\$0.00862	\$0.00536
Transmission Charge	KWh x	\$0.00819	\$0.00999
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-22 Compliance Page 2 of 20

File: Date:

# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #1)

	/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overal Increase (De Amount	
250	\$41.08	\$26.80	\$14.28	\$40.99	\$26.80	\$14.19	(\$0.09)	-0.2%
500	\$81.81	\$53.59	\$28.22	\$81.62	\$53.59	\$28.03	(\$0.19)	-0.2%
750	\$122.57	\$80.39	\$42.18	\$122.28	\$80.39	\$41.89	(\$0.29)	-0.2%
1,000	\$163.29	\$107.18	\$56.11	\$162.91	\$107.18	\$55.73	(\$0.38)	-0.2%
1,250	\$204.06	\$133.98	\$70.08	\$203.58	\$133.98	\$69.60	(\$0.48)	-0.2%
1,500	\$244.79	\$160.77	\$84.02	\$244.21	\$160.77	\$83.44	(\$0.58)	-0.2%
2,000	\$326.27	\$214.36	\$111.91	\$325.50	\$214.36	\$111.14	(\$0.77)	-0.2%
2,500	\$407.77	\$267.95	\$139.82	\$406.80	\$267.95	\$138.85	(\$0.97)	-0.2%

	<u>I</u>	Present Rates	Proposed Rates	
Customer Charge		\$5.81	\$6.01	
Distribution Charge	KWh x	\$0.02377	\$0.02484	
Cable Facilities Surcharge	KWh x	\$0.01222	\$0.01222	
Transition Charge	KWh x	\$0.00862	\$0.00536	
Transmission Charge	KWh x	\$0.00819	\$0.00999	
Interruptible Credit #1		(\$5.50)	(\$5.69)	
DSM Charge	KWh x	\$0.00250	\$0.00250	
Renewables Charge	KWh x	\$0.00050	\$0.00050	
Supplier Services				
Energy Charge	KWh x	\$0.10718	\$0.10718	

Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-1 Default Service Customers (with Interruptible Credit #2)

	/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overal Increase (De Amount	
250	\$39.08	\$26.80	\$12.28	\$38.92	\$26.80	\$12.12	(\$0.16)	-0.4%
500	\$79.81	\$53.59	\$26.22	\$79.55	\$53.59	\$25.96	(\$0.26)	-0.3%
750	\$120.57	\$80.39	\$40.18	\$120.21	\$80.39	\$39.82	(\$0.36)	-0.3%
1,000	\$161.29	\$107.18	\$54.11	\$160.84	\$107.18	\$53.66	(\$0.45)	-0.3%
1,250	\$202.06	\$133.98	\$68.08	\$201.51	\$133.98	\$67.53	(\$0.55)	-0.3%
1,500	\$242.79	\$160.77	\$82.02	\$242.14	\$160.77	\$81.37	(\$0.65)	-0.3%
2,000	\$324.27	\$214.36	\$109.91	\$323.43	\$214.36	\$109.07	(\$0.84)	-0.3%
2,500	\$405.77	\$267.95	\$137.82	\$404.73	\$267.95	\$136.78	(\$1.04)	-0.3%

	<u>]</u>	Present Rates	Proposed Rates
Customer Charge		\$5.81	\$6.01
Distribution Charge	KWh x	\$0.02377	\$0.02484
Cable Facilities Surcharge	KWh x	\$0.01222	\$0.01222
Transition Charge	KWh x	\$0.00862	\$0.00536
Transmission Charge	KWh x	\$0.00819	\$0.00999
Interruptible Credit #2		(\$7.50)	(\$7.76)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

File: Date:

> Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on R-2 Default Service Customers

	/	(1)	/	/	(2) -	/	(1) vs (	(2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De	
50	\$10.89	\$5.36	\$5.53	\$10.98	\$5.36	\$5.62	\$0.09	0.8%
100	\$17.97	\$10.72	\$7.25	\$18.03	\$10.72	\$7.31	\$0.06	0.3%
150	\$25.09	\$16.08	\$9.01	\$25.11	\$16.08	\$9.03	\$0.02	0.1%
250	\$39.29	\$26.80	\$12.49	\$39.25	\$26.80	\$12.45	(\$0.04)	-0.1%
300	\$46.36	\$32.15	\$14.21	\$46.29	\$32.15	\$14.14	(\$0.07)	-0.2%
500	\$74.77	\$53.59	\$21.18	\$74.56	\$53.59	\$20.97	(\$0.21)	-0.3%
600	\$88.96	\$64.31	\$24.65	\$88.67	\$64.31	\$24.36	(\$0.29)	-0.3%
750	\$110.28	\$80.39	\$29.89	\$109.90	\$80.39	\$29.51	(\$0.38)	-0.3%

	<u>I</u>	resent Rates	Proposed Rates
Customer Charge		\$3.77	\$3.90
Distribution Charge	KWh x	\$0.00338	\$0.00374
Cable Facilities Surcharge	KWh x	\$0.01170	\$0.01170
Transition Charge	KWh x	\$0.00853	\$0.00569
Transmission Charge	KWh x	\$0.00819	\$0.00999
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

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File: Date:

> Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on R-2 Default Service Customers With Interruptible Credit #1

	/	(1)	/	/	(2) -	/	(1) vs (2	2)
M. di		Present Rates	D . 7	:	Proposed Rates	D . 1	Overal Increase (De	
Monthly KWh	Total	Default Service	Retail Delivery	Total	Default Service	Retail Delivery	Amount	%
300	\$40.86	\$32.15	\$8.71	\$40.60	\$32.15	\$8.45	(\$0.26)	-0.6%
500	\$69.27	\$53.59	\$15.68	\$68.87	\$53.59	\$15.28	(\$0.40)	-0.6%
600	\$83.46	\$64.31	\$19.15	\$82.98	\$64.31	\$18.67	(\$0.48)	-0.6%
750	\$104.78	\$80.39	\$24.39	\$104.21	\$80.39	\$23.82	(\$0.57)	-0.5%
900	\$126.05	\$96.46	\$29.59	\$125.38	\$96.46	\$28.92	(\$0.67)	-0.5%
1,000	\$140.25	\$107.18	\$33.07	\$139.51	\$107.18	\$32.33	(\$0.74)	-0.5%
1,500	\$211.25	\$160.77	\$50.48	\$210.17	\$160.77	\$49.40	(\$1.08)	-0.5%
1,750	\$246.76	\$187.57	\$59.19	\$245.51	\$187.57	\$57.94	(\$1.25)	-0.5%

	<u>I</u>	Present Rates	Proposed Rates
Customer Charge		\$3.77	\$3.90
Distribution Charge	KWh x	\$0.00338	\$0.00374
Cable Facilities Surcharge	KWh x	\$0.01170	\$0.01170
Transition Charge	KWh x	\$0.00853	\$0.00569
Transmission Charge	KWh x	\$0.00819	\$0.00999
Interruptible Credit #1		(\$5.50)	(\$5.69)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on R-2 Default Service Customers With Interruptible Credit #2

(1) (2) (1) vs (2) Overall Proposed Rates Present Rates Increase (Decrease) Retail Monthly Default Default Retail KWh Total Service Delivery Total Service Delivery Amount % 300 \$38.86 \$32.15 \$6.71 \$38.53 \$32.15 \$6.38 (\$0.33) -0.8% 500 \$67.27 \$53.59 \$13.68 \$66.80 \$53.59 \$13.21 (\$0.47) -0.7% 600 \$81.46 \$64.31 \$17.15 \$80.91 \$64.31 \$16.60 (\$0.55) -0.7% 750 \$102.78 \$80.39 \$22.39 \$102.14 \$80.39 \$21.75 (\$0.64) -0.6% 900 \$124.05 \$96.46 \$27.59 \$123.31 \$96.46 \$26.85 (\$0.74) -0.6% \$30.26 \$107.18 \$31.07 \$137.44 \$107.18 (\$0.81) 1,000 \$138.25 -0.6% \$48.48 \$208.10 \$160.77 \$47.33 1,500 \$209.25 \$160.77 (\$1.15) -0.5% \$187.57 \$57.19 1,750 \$244.76 \$243.44 \$187.57 \$55.87 (\$1.32) -0.5%

	<u>I</u>	Present Rates	Proposed Rates
Customer Charge		\$3.77	\$3.90
Distribution Charge	KWh x	\$0.00338	\$0.00374
Cable Facilities Surcharge	KWh x	\$0.01170	\$0.01170
Transition Charge	KWh x	\$0.00853	\$0.00569
Transmission Charge	KWh x	\$0.00819	\$0.00999
Interruptible Credit #2		(\$7.50)	(\$7.76)
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

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### Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on E Default Service Customers

	/	(1) -	/	/	(2)	/	(1) vs (	2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overal Increase (De Amount	
1,000	\$163.38	\$107.18	\$56.20	\$163.19	\$107.18	\$56.01	(\$0.19)	-0.1%
1,500	\$242.18	\$160.77	\$81.41	\$241.79	\$160.77	\$81.02	(\$0.39)	-0.2%
2,000	\$320.95	\$214.36	\$106.59	\$320.37	\$214.36	\$106.01	(\$0.58)	-0.2%
3,000	\$478.52	\$321.54	\$156.98	\$477.55	\$321.54	\$156.01	(\$0.97)	-0.2%
4,000	\$636.09	\$428.72	\$207.37	\$634.73	\$428.72	\$206.01	(\$1.36)	-0.2%
5,000	\$793.66	\$535.90	\$257.76	\$791.91	\$535.90	\$256.01	(\$1.75)	-0.2%
8,000	\$1,266.37	\$857.44	\$408.93	\$1,263.45	\$857.44	\$406.01	(\$2.92)	-0.2%
10,000	\$1,581.51	\$1,071.80	\$509.71	\$1,577.81	\$1,071.80	\$506.01	(\$3.70)	-0.2%

	<u>]</u>	Present Rates	Proposed Rates
Customer Charge		\$5.81	\$6.01
Distribution Charge	KWh x	\$0.02377	\$0.02484
Cable Facilities Surcharge	KWh x	\$0.00681	\$0.00681
Transition Charge	KWh x	\$0.00862	\$0.00536
Transmission Charge	KWh x	\$0.00819	\$0.00999
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10718	\$0.10718

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File: Date:

> Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-1 Default Service Customers

	/	(1)	/	/	(2)	/	(1) vs	(2)
Monthly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De Amount	
50	\$17.35	\$5.25	\$12.10	\$17.64	\$5.25	\$12.39	\$0.29	1.7%
100	\$26.39	\$10.50	\$15.89	\$26.67	\$10.50	\$16.17	\$0.28	1.1%
250	\$53.50	\$26.25	\$27.25	\$53.74	\$26.25	\$27.49	\$0.24	0.4%
500	\$98.66	\$52.50	\$46.16	\$98.87	\$52.50	\$46.37	\$0.21	0.2%
1,000	\$188.98	\$105.00	\$83.98	\$189.11	\$105.00	\$84.11	\$0.13	0.1%
2,500	\$459.98	\$262.50	\$197.48	\$459.87	\$262.50	\$197.37	(\$0.11)	0.0%
5,000	\$911.62	\$525.00	\$386.62	\$911.11	\$525.00	\$386.11	(\$0.51)	-0.1%
7,500	\$1,363.28	\$787.50	\$575.78	\$1,362.37	\$787.50	\$574.87	(\$0.91)	-0.1%

	Ī	Present Rates	Proposed Rates
Customer Charge		\$8.32	\$8.61
Distribution Charge	KWh x	\$0.03762	\$0.03916
Cable Facilities Surcharge	KWh x	\$0.01928	\$0.01928
Transition Charge	KWh x	\$0.00829	\$0.00557
Transmission Charge	KWh x	\$0.00747	\$0.00849
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.10500	\$0.10500

Date:

1-Mar-06

National Grid Docket No. D.T.E. 06-5 Exhibit TMB-22 Compliance Page 9 of 20

# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-2 Default Service Customers

			/	(1) -	/	/	(2) -	/	(1) vs (	2)
	Month Power KW	aly KWh	Total	Present Rates Default Service	Retail Delivery	Total	Proposed Rates Default Service	Retail Delivery	Overa Increase (De Amount	
-						SEMA	SEMA			
	15	3,000	\$677.81	\$440.13	\$237.68	\$675.31	\$440.13	\$235.18	(\$2.50)	-0.4%
	20	4,000	\$898.67	\$586.84	\$311.83	\$895.16	\$586.84	\$308.32	(\$3.51)	-0.4%
	40	8,000	\$1,782.11	\$1,173.68	\$608.43	\$1,774.56	\$1,173.68	\$600.88	(\$7.55)	-0.4%
	75	15,000	\$3,328.13	\$2,200.65	\$1,127.48	\$3,313.51	\$2,200.65	\$1,112.86	(\$14.62)	-0.4%
	150	30,000	\$6,641.03	\$4,401.30	\$2,239.73	\$6,611.26	\$4,401.30	\$2,209.96	(\$29.77)	-0.4%

Customer Charge Distribution Demand Charge Transition Demand Charge Distribution Charge	Ţ	Present Rates	Proposed Rates		
Customer Charge		\$15.23	\$15.76		
Distribution Demand Charge	KW x	\$5.92	\$6.12		
Transition Demand Charge	KW x	\$0.80	\$0.53		
Distribution Charge	KWh x	\$0.00062	\$0.00086		
Cable Facilities Surcharge	KWh x	\$0.02334	\$0.02334		
Transition Charge	KWh x	\$0.00659	\$0.00435		
Transmission Charge	KWh x	\$0.00700	\$0.00834		
DSM Charge	KWh x	\$0.00250	\$0.00250		
Renewables Charge	KWh x	\$0.00050	\$0.00050		
Supplier Services					
Energy Charge	KWh x	\$0.14671	\$0.14671 SEMA		

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-2 Default Service Customers

		/	(1)	/	/	(2) -	/	(1) vs (2	2)
Month Power KW	nly KWh	Total	Present Rates Default Service	Retail Delivery	Total SEMA	Proposed Rates Default Service SEMA	Retail Delivery	Overal Increase (De Amount	
15	3,750	\$818.27	\$550.16	\$268.11	\$815.28	\$550.16	\$265.12	(\$2.99)	-0.4%
20	5,000	\$1,085.93	\$733.55	\$352.38	\$1,081.76	\$733.55	\$348.21	(\$4.17)	-0.4%
40	10,000	\$2,156.63	\$1,467.10	\$689.53	\$2,147.76	\$1,467.10	\$680.66	(\$8.87)	-0.4%
75	18,750	\$4,030.37	\$2,750.81	\$1,279.56	\$4,013.28	\$2,750.81	\$1,262.47	(\$17.09)	-0.4%
150	37,500	\$8.045.49	\$5,501.63	\$2,543.86	\$8.010.77	\$5,501.63	\$2,509.14	(\$34.72)	-0.4%

	<u>I</u>	Present Rates	<u>Proposed Rates</u>
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Cable Facilities Surcharge	KWh x	\$0.02334	\$0.02334
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671 SEMA

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### Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-2 Default Service Customers

		/	(1)	/	/	(2)	/	(1) vs (	2)
Month Power KW	aly KWh	Total	Present Rates Default Service	Retail Delivery	Total SEMA	Proposed Rates Default Service SEMA	Retail Delivery	Overal Increase (De Amount	
15	4,500	\$958.71	\$660.20	\$298.51	\$955.22	\$660.20	\$295.02	(\$3.49)	-0.4%
20	6,000	\$1,273.19	\$880.26	\$392.93	\$1,268.36	\$880.26	\$388.10	(\$4.83)	-0.4%
40	12,000	\$2,531.15	\$1,760.52	\$770.63	\$2,520.96	\$1,760.52	\$760.44	(\$10.19)	-0.4%
75	22,500	\$4,732.59	\$3,300.98	\$1,431.61	\$4,713.02	\$3,300.98	\$1,412.04	(\$19.57)	-0.4%
150	45,000	\$9,449.93	\$6,601.95	\$2,847.98	\$9,410.26	\$6,601.95	\$2,808.31	(\$39.67)	-0.4%

	<u>I</u>	Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Cable Facilities Surcharge	KWh x	\$0.02334	\$0.02334
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671 SEMA

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### Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-2 Default Service Customers

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
15	5,250	\$1,099.17	\$770.23	\$328.94	\$1,095.19	\$770.23	\$324.96	(\$3.98)	-0.4%
20	7,000	\$1,460.45	\$1,026.97	\$433.48	\$1,454.96	\$1,026.97	\$427.99	(\$5.49)	-0.4%
40	14,000	\$2,905.67	\$2,053.94	\$851.73	\$2,894.16	\$2,053.94	\$840.22	(\$11.51)	-0.4%
75	26,250	\$5,434.83	\$3,851.14	\$1,583.69	\$5,412.79	\$3,851.14	\$1,561.65	(\$22.04)	-0.4%
150	52,500	\$10,854.39	\$7,702.28	\$3,152.11	\$10,809.77	\$7,702.28	\$3,107.49	(\$44.62)	-0.4%

	]	Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Cable Facilities Surcharge	KWh x	\$0.02334	\$0.02334
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671 SEMA

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Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-2 Default Service Customers

_			/	(1)	/	/	(2)	/	(1) vs (2	2)
	Month	ly		Present Rates			Proposed Rates		Overal Increase (Dec	
	Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
	15	6,000	\$1,239.59	\$880.26	\$359.33	\$1,235.11	\$880.26	\$354.85	(\$4.48)	-0.4%
	20	8,000	\$1,647.71	\$1,173.68	\$474.03	\$1,641.56	\$1,173.68	\$467.88	(\$6.15)	-0.4%
	40	16,000	\$3,280.19	\$2,347.36	\$932.83	\$3,267.36	\$2,347.36	\$920.00	(\$12.83)	-0.4%
	75	30,000	\$6,137.03	\$4,401.30	\$1,735.73	\$6,112.51	\$4,401.30	\$1,711.21	(\$24.52)	-0.4%
	150	60,000	\$12,258.83	\$8,802.60	\$3,456.23	\$12,209.26	\$8,802.60	\$3,406.66	(\$49.57)	-0.4%

	<u>]</u>	Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Cable Facilities Surcharge	KWh x	\$0.02334	\$0.02334
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671 SEMA

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

# Impact on G-2 Default Service Customers

_			/	(1)	/	/	(2)	/	(1) vs (	2)
	Month	ly		Present Rates			Proposed Rates		Overal Increase (De	
	Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
	15	6,750	\$1,380.05	\$990.29	\$389.76	\$1,375.08	\$990.29	\$384.79	(\$4.97)	-0.4%
	20	9,000	\$1,834.97	\$1,320.39	\$514.58	\$1,828.16	\$1,320.39	\$507.77	(\$6.81)	-0.4%
	40	18,000	\$3,654.71	\$2,640.78	\$1,013.93	\$3,640.56	\$2,640.78	\$999.78	(\$14.15)	-0.4%
	75	33,750	\$6,839.27	\$4,951.46	\$1,887.81	\$6,812.28	\$4,951.46	\$1,860.82	(\$26.99)	-0.4%
	150	67,500	\$13,663.29	\$9,902.93	\$3,760.36	\$13,608.77	\$9,902.93	\$3,705.84	(\$54.52)	-0.4%

	<u> </u>	Present Rates	Proposed Rates
Customer Charge		\$15.23	\$15.76
Distribution Demand Charge	KW x	\$5.92	\$6.12
Transition Demand Charge	KW x	\$0.80	\$0.53
Distribution Charge	KWh x	\$0.00062	\$0.00086
Cable Facilities Surcharge	KWh x	\$0.02334	\$0.02334
Transition Charge	KWh x	\$0.00659	\$0.00435
Transmission Charge	KWh x	\$0.00700	\$0.00834
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671 SEMA

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 250

kWh Split: -On Peak 55%

-Off Peak 45%

_			/	(1)	/	/	(2)	/	(1) vs (	(2)
	Monthly			Present Rates			Proposed Rates		Overa Increase (De	
	Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
	600	150,000	\$30,540.89	\$22,006.50	\$8,534.39	\$30,343.07	\$22,006.50	\$8,336.57	(\$197.82)	-0.6%
	800	200,000	\$40,698.77	\$29,342.00	\$11,356.77	\$40,434.22	\$29,342.00	\$11,092.22	(\$264.55)	-0.7%
	1,000	250,000	\$50,856.64	\$36,677.50	\$14,179.14	\$50,525.37	\$36,677.50	\$13,847.87	(\$331.27)	-0.7%
	1,500	375,000	\$76,251.34	\$55,016.25	\$21,235.09	\$75,753.25	\$55,016.25	\$20,737.00	(\$498.09)	-0.7%
	3,000	750,000	\$152,435.39	\$110,032.50	\$42,402.89	\$151,436.87	\$110,032.50	\$41,404.37	(\$998.52)	-0.7%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Cable Facilities Surcharge	KWh x	\$0.01637	\$0.01637
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671

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Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 300

kWh Split: -On Peak 50%

-Off Peak 50%

		/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly			Present Rates Default	Datail		Proposed Rates Default	Potoil	Overa Increase (De	
Power KW	KWh	Total	Service	Retail Delivery	Total SEMA	Service SEMA	Retail Delivery	Amount	%
600	180,000	\$35,931.97	\$26,407.80	\$9,524.17	\$35,731.22	\$26,407.80	\$9,323.42	(\$200.75)	-0.6%
800	240,000	\$47,886.87	\$35,210.40	\$12,676.47	\$47,618.42	\$35,210.40	\$12,408.02	(\$268.45)	-0.6%
1,000	300,000	\$59,841.77	\$44,013.00	\$15,828.77	\$59,505.62	\$44,013.00	\$15,492.62	(\$336.15)	-0.6%
1,500	450,000	\$89,729.02	\$66,019.50	\$23,709.52	\$89,223.62	\$66,019.50	\$23,204.12	(\$505.40)	-0.6%
3,000	900,000	\$179,390.77	\$132,039.00	\$47,351.77	\$178,377.62	\$132,039.00	\$46,338.62	(\$1,013.15)	-0.6%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Cable Facilities Surcharge	KWh x	\$0.01637	\$0.01637
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 350

kWh Split: -On Peak 50%

-Off Peak 50%

		/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly			Present Rates			Proposed Rates		Overa Increase (De	
Power KW	KWh	Total	Default	Retail	Total	Default Service	Retail	A	0/
KW	KWII	rotai	Service	Delivery	SEMA	SEMA	Delivery	Amount	%
600	210,000	\$41,410.42	\$30,809.10	\$10,601.32	\$41,209.82	\$30,809.10	\$10,400.72	(\$200.60)	-0.5%
800	280,000	\$55,191.47	\$41,078.80	\$14,112.67	\$54,923.22	\$41,078.80	\$13,844.42	(\$268.25)	-0.5%
1,000	350,000	\$68,972.52	\$51,348.50	\$17,624.02	\$68,636.62	\$51,348.50	\$17,288.12	(\$335.90)	-0.5%
1,500	525,000	\$103,425.14	\$77,022.75	\$26,402.39	\$102,920.12	\$77,022.75	\$25,897.37	(\$505.02)	-0.5%
3,000	1,050,000	\$206,783.02	\$154,045.50	\$52,737.52	\$205,770.62	\$154,045.50	\$51,725.12	(\$1,012.40)	-0.5%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Cable Facilities Surcharge	KWh x	\$0.01637	\$0.01637
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 400

kWh Split: -On Peak 45%

-Off Peak 55%

		/	(1)	/	/	(2)	/	(1) vs (	2)
Monthly			Present Rates			Proposed Rates		Overa Increase (De	
Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	240,000	\$46,749.07	\$35,210.40	\$11,538.67	\$46,543.70	\$35,210.40	\$11,333.30	(\$205.37)	-0.4%
800	320,000	\$62,309.67	\$46,947.20	\$15,362.47	\$62,035.06	\$46,947.20	\$15,087.86	(\$274.61)	-0.4%
1,000	400,000	\$77,870.27	\$58,684.00	\$19,186.27	\$77,526.42	\$58,684.00	\$18,842.42	(\$343.85)	-0.4%
1,500	600,000	\$116,771.77	\$88,026.00	\$28,745.77	\$116,254.82	\$88,026.00	\$28,228.82	(\$516.95)	-0.4%
3,000	1,200,000	\$233,476.27	\$176,052.00	\$57,424.27	\$232,440.02	\$176,052.00	\$56,388.02	(\$1,036.25)	-0.4%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Cable Facilities Surcharge	KWh x	\$0.01637	\$0.01637
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 450

kWh Split: -On Peak 45%

-Off Peak 55%

_			/	(1)	/	/	(2)	/	(1) vs (	(2)
	Monthly			Present Rates			Proposed Rates		Overa Increase (De	
	Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
	600	270,000	\$52,210.04	\$39,611.70	\$12,598.34	\$52,004.21	\$39,611.70	\$12,392.51	(\$205.83)	-0.4%
	800	360,000	\$69,590.97	\$52,815.60	\$16,775.37	\$69,315.74	\$52,815.60	\$16,500.14	(\$275.23)	-0.4%
	1,000	450,000	\$86,971.89	\$66,019.50	\$20,952.39	\$86,627.27	\$66,019.50	\$20,607.77	(\$344.62)	-0.4%
	1,500	675,000	\$130,424.21	\$99,029.25	\$31,394.96	\$129,906.09	\$99,029.25	\$30,876.84	(\$518.12)	-0.4%
	3,000	1,350,000	\$260,781.14	\$198,058.50	\$62,722.64	\$259,742.57	\$198,058.50	\$61,684.07	(\$1,038.57)	-0.4%

		Present Rates	Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Cable Facilities Surcharge	KWh x	\$0.01637	\$0.01637
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671

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# Nantucket Electric Company Proposed March 1, 2006 Rates Calculation of Monthly Typical Bill

Impact on G-3 Default Service Customers

Hours Use: 500

kWh Split: -On Peak 45%

-Off Peak 55%

		/	(1)	/	/	(2)	/	(1) vs (2	2)
Monthly			Present Rates			Proposed Rates		Overal Increase (De	
Power KW	KWh	Total	Default Service	Retail Delivery	Total SEMA	Default Service SEMA	Retail Delivery	Amount	%
600	300,000	\$57,671.02	\$44,013.00	\$13,658.02	\$57,464.72	\$44,013.00	\$13,451.72	(\$206.30)	-0.4%
800	400,000	\$76,872.27	\$58,684.00	\$18,188.27	\$76,596.42	\$58,684.00	\$17,912.42	(\$275.85)	-0.4%
1,000	500,000	\$96,073.52	\$73,355.00	\$22,718.52	\$95,728.12	\$73,355.00	\$22,373.12	(\$345.40)	-0.4%
1,500	750,000	\$144,076.64	\$110,032.50	\$34,044.14	\$143,557.37	\$110,032.50	\$33,524.87	(\$519.27)	-0.4%
3,000	1,500,000	\$288,086.02	\$220,065.00	\$68,021.02	\$287,045.12	\$220,065.00	\$66,980.12	(\$1,040.90)	-0.4%

	<u>Present Rates</u>		Proposed Rates
Customer Charge		\$67.27	\$69.62
Distribution Demand Charge	KW x	\$3.63	\$3.75
Transition Demand Charge	KW x	\$1.36	\$0.90
Distribution Charge: On Peak	KWh x	\$0.01110	\$0.01171
Distribution Charge: Off Peak	KWh x	(\$0.00055)	(\$0.00035)
Cable Facilities Surcharge	KWh x	\$0.01637	\$0.01637
Transition Charge	KWh x	\$0.00497	\$0.00324
Transmission Charge	KWh x	\$0.00629	\$0.00762
DSM Charge	KWh x	\$0.00250	\$0.00250
Renewables Charge	KWh x	\$0.00050	\$0.00050
Supplier Services			
Energy Charge	KWh x	\$0.14671	\$0.14671